

(FILE 'HOME' ENTERED AT 08:52:09 ON 08 FEB 2002)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,  
USPATFULL, JAPIO' ENTERED AT 08:52:20 ON 08 FEB 2002

L1 22320 S MONOGLYCERIDE  
L2 80714 S MYCOBACTERIUM TUBERCULOSIS  
L3 28 S L1 AND L2  
L4 27 DUP REM L3 (1 DUPLICATE REMOVED)  
L5 987 S MYCOBACTERIUM TUBERCULOSIS AND IMMUNOGENICITY  
L6 666 DUP REM L5 (321 DUPLICATES REMOVED)  
L7 3 S L6 AND MONOGLYCERIDES  
L8 7 S L4 AND ADJUVANTS  
L9 492 S SCHRODER, U/AU  
L10 3 S L9 AND MONOGLYCERIDES  
L11 2 S L9 AND MYCOBACTERIUM TUBERCULOSIS  
L12 77 S SVENSON S/AU  
L13 0 S L12 AND MONOGLYCERIDES  
L14 0 S L12 AND MYCOBACTERIUM TUBERCULOSIS  
L15 878 S L2 AND HEAT KILLED  
L16 56 S L15 AND IMMUNOGENICITY  
L17 48 DUP REM L16 16 (8 DUPLICATES REMOVED)  
L18 1242 S MYCOBACTERIUM TUBERCULOSIS AND ADJUVANTS  
L19 56 S L18 AND CELLULAR RESPONSE  
L20 53 DUP REM L19 (3 DUPLICATES REMOVED)

FILE 'BIOSIS, CABA, CAPLUS, EMBASE, LIFESCI, MEDLINE, SCISEARCH,  
USPATFULL, JAPIO' ENTERED AT 08:52:20 ON 08 FEB 2002

L1	22320 S MONOGLYCERIDE
L2	80714 S MYCOBACTERIUM TUBERCULOSIS
L3	28 S L1 AND L2
L4	27 DUP REM L3 (1 DUPLICATE REMOVED)
L5	987 S MYCOBACTERIUM TUBERCULOSIS AND IMMUNOGENICITY
L6	666 DUP REM L5 (321 DUPLICATES REMOVED)
L7	3 S L6 AND MONOGLYCERIDES
L8	7 S L4 AND ADJUVANTS
L9	492 S SCHRODER, U/AU
L10	3 S L9 AND MONOGLYCERIDES
L11	2 S L9 AND MYCOBACTERIUM TUBERCULOSIS
L12	77 S SVENSON S/AU

L15 878 S L2 AND HEAT KILLED  
L16 56 S L15 AND IMMUNOGENICITY  
L17 48 DUP REM L16 16 (8 DUPLICATES REMOVED)  
L18 1242 S MYCOBACTERIUM TUBERCULOSIS AND ADJUVANTS  
L19 56 S L18 AND CELLULAR RESPONSE  
L20 53 DUP REM L19 (3 DUPLICATES REMOVED)

PATENT ASSIGNEE(S):

Ott, Gary, Oakland, CA, United States  
 Van Nest, Gary A., El Sobrante, CA, United States  
 Chiron Corporation, Emeryville, CA, United States (U.S.  
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5709879		19980120
APPLICATION INFO.:	US 1995-469444		19950606 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-308622, filed on 19 Sep 1994, now abandoned which is a continuation of Ser. No. US 1993-154160, filed on 18 Nov 1993, now abandoned which is a continuation of Ser. No. US 1991-722862, filed on 28 Jun 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-546585, filed on 29 Jun 1990, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kishore, Gollamudi S.		
LEGAL REPRESENTATIVE:	Robins, Roberta L., McClung, Barbara G., Blackburn, Robert P.		
NUMBER OF CLAIMS:	37		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1961		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L7 ANSWER 1 OF 3 USPATFULL

ACCESSION NUMBER: 2002:16906 USPATFULL  
TITLE: Novel nucleic acids and polypeptides  
INVENTOR(S): Tang, Y. Tom, San Jose, CA, UNITED STATES  
Zhou, Ping, Cupertino, CA, UNITED STATES  
Goodrich, Ryle, San Jose, CA, UNITED STATES  
Liu, Chenghua, San Jose, CA, UNITED STATES  
Asundi, Vinod, Foster City, CA, UNITED STATES  
Xue, Aidong J., Sunnyvale, CA, UNITED STATES  
Zhang, Jie, Campbell, CA, UNITED STATES  
Zhao, Qing A., San Jose, CA, UNITED STATES  
Ren, Feiyan, Cupertino, CA, UNITED STATES  
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002009786	A1	20020124
APPLICATION INFO.:	US 2000-728628	A1	20001201 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-552929, filed on 18 Apr 2000, UNKNOWN		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Ivor R. Elrifi, Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C, One Financial Center, Boston, MA, 02111		
NUMBER OF CLAIMS:	28		
EXEMPLARY CLAIM:	1		
LINE COUNT:	5748		

L7 ANSWER 2 OF 3 USPATFULL

ACCESSION NUMBER: 2001:173149 USPATFULL  
TITLE: Adjuvant formulation comprising a submicron oil droplet emulsion  
INVENTOR(S): Van Nest, Gary, El Sobrante, CA, United States  
Ott, Gary, Livermore, CA, United States  
Barchfeld, Gail, Alameda, CA, United States  
PATENT ASSIGNEE(S): Chiron Corporation, Emeryville, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6299884	B1	20011009
APPLICATION INFO.:	US 1995-418870		19950407 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-215007, filed on 21 Mar 1994, now abandoned Continuation of Ser. No. US 1993-41519, filed on 1 Apr 1993, now abandoned Continuation of Ser. No. US 1992-885905, filed on 18 May 1992, now abandoned Continuation of Ser. No. US 1990-528593, filed on 24 May 1990, now abandoned Continuation of Ser. No. US 1989-357035, filed on 25 May 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Wortman, Donna C.		
LEGAL REPRESENTATIVE:	Harbin, Alisa A., Robins, Roberta L., Blackburn, Robert P.		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1613		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L7 ANSWER 3 OF 3 USPATFULL

ACCESSION NUMBER: 1998:6804 USPATFULL  
TITLE: Vaccine compositions containing liposomes  
INVENTOR(S): Barchfeld, Gail L., Hayward, CA, United States

L17 ANSWER 1 OF 48 USPATFULL

ACCESSION NUMBER: 2002:13790 USPATFULL

TITLE: Superantigen based methods and compositions for treatment of diseases

INVENTOR(S): Terman, David Stephen, 3183 Palmero Way, Pebble Beach, CA, United States 93953

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6340461	B1	20020122
APPLICATION INFO.:	US 1997-992877		19971217 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-33172	19961217 (60)
	US 1997-44074	19970417 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Bansal, Geetha P.	
LEGAL REPRESENTATIVE:	Venable, Livnat, Shmuel	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1,6	
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 8 Drawing Page(s)	
LINE COUNT:	5893	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 2 OF 48 USPATFULL

ACCESSION NUMBER: 2001:202603 USPATFULL

TITLE: DNA cytokine vaccines and use of same for protective immunity against multiple sclerosis

INVENTOR(S): Karin, Nathan, Haifa, Israel  
Youssef, Sawsan, Rama Villag, Israel

PATENT ASSIGNEE(S): Wildbaum, Gizi, Kiriya-Yam, Israel  
Technion Research and Development Foundation LTD.,  
Haifa, Israel (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6316420	B1	20011113
APPLICATION INFO.:	US 1998-123485		19980728 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Priebe, Scott D.		
ASSISTANT EXAMINER:	Beckerleg, Anne Marie S.		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	36 Drawing Figure(s); 12 Drawing Page(s)		
LINE COUNT:	1743		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 3 OF 48 USPATFULL

ACCESSION NUMBER: 2001:112295 USPATFULL

TITLE: Chemically modified saponins and the use thereof as adjuvants

INVENTOR(S): Press, Jeffery B., Brewster, NY, United States

PATENT ASSIGNEE(S): Marciani, Dante J., Birmingham, AL, United States  
Galenica Pharmaceuticals, Inc., Frederick, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6262029	B1	20010717
APPLICATION INFO.:	US 1999-373660		19990813 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-96691	19980814 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Lee, Howard C.	
LEGAL REPRESENTATIVE:	Sterne, Kessler, Goldstein & Fox, P.L.L.C.	
NUMBER OF CLAIMS:	38	
EXEMPLARY CLAIM:	3	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)	
LINE COUNT:	2502	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 4 OF 48 USPATFULL  
 ACCESSION NUMBER: 2001:86035 USPATFULL  
 TITLE: Early detection of mycobacterial disease  
 INVENTOR(S): Laal, Suman, Croton-on-Hudson, NY, United States  
 Zolla-Pazner, Susan, New York, NY, United States  
 Belisle, John T., Fort Collins, CO, United States  
 PATENT ASSIGNEE(S): New York Univ. Medical Center, New York, NY, United States (U.S. corporation)  
 Colorado State University, Ft. Collins, CO, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6245331	B1	20010612
APPLICATION INFO.:	US 1997-1984		19971231 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-34003	19970102 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Swartz, Rodney P.	
LEGAL REPRESENTATIVE:	Venable, Livnat, Shmuel	
NUMBER OF CLAIMS:	28	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	51 Drawing Figure(s); 32 Drawing Page(s)	
LINE COUNT:	4630	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 5 OF 48 USPATFULL  
 ACCESSION NUMBER: 2001:59376 USPATFULL  
 TITLE: Method of preventing the proliferation of V.beta.14 or V.beta.17-Expressing T cells  
 INVENTOR(S): Howell, Mark D., Fort Collins, CO, United States  
 Brostoff, Steven W., Carlsbad, CA, United States  
 Carlo, Dennis J., Rancho Santa Fe, CA, United States  
 PATENT ASSIGNEE(S): The Immune Response Corporation, Carlsbad, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6221352	B1	20010424
APPLICATION INFO.:	US 1995-471209		19950606 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-276776, filed on 18 Jul 1994 Continuation of Ser. No. US 1991-813867, filed on 24 Dec 1991, now abandoned Continuation-in-part of Ser. No. US 1991-644611, filed on 22 Jan 1991, now abandoned Continuation-in-part of Ser. No. US 1990-530229, filed on 30 May 1990, now abandoned Continuation-in-part of Ser. No. US 1999-382085, filed on 18 Jul 1999, now abandoned , said Ser. No. US 530229 And Ser. No. US		

1989-382086, filed on 18 Jul 1989, now abandoned  
Continuation-in-part of Ser. No. US 1989-326314, filed  
on 21 Mar 1989, now abandoned  
Utility  
Granted  
Nolan, Patrick J.  
Ewoldt, Gerald R.  
Campbell & Flores LLP  
4  
1  
4 Drawing Figure(s); 3 Drawing Page(s)  
1891  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 6 OF 48 USPATFULL  
ACCESSION NUMBER: 2001:55459 USPATFULL  
TITLE: Antigenic modification of HCG polypeptides  
INVENTOR(S): Stevens, Vernon C., Dublin, OH, United States  
PATENT ASSIGNEE(S): The Ohio State University Research Foundation,  
Columbus, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6217881	B1	20010417
APPLICATION INFO.:	US 1995-467997		19950606 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1992-958601, filed on 6 Oct 1992, now patented, Pat. No. US 5817753, issued on 6 Oct 1998 Continuation of Ser. No. US 1992-390530, filed on 7 Aug 1992, now abandoned Continuation-in-part of Ser. No. US 1987-86401, filed on 17 Aug 1987, now patented, Pat. No. US 4855285, issued on 8 Aug 1989 Continuation-in-part of Ser. No. US 1985-804642, filed on 4 Dec 1985, now patented, Pat. No. US 4713366, issued on 15 Dec 1987		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wessendorf, T. D.		
LEGAL REPRESENTATIVE:	Kremblas, Francis T. Kremblas, Foster, Phillips & Pollick		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	29 Drawing Figure(s); 23 Drawing Page(s)		
LINE COUNT:	6049		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L17 ANSWER 7 OF 48 USPATFULL  
ACCESSION NUMBER: 2001:44203 USPATFULL  
TITLE: Vaccination and methods against diseases resulting from pathogenic responses by specific T cell populations  
INVENTOR(S): Howell, Mark D., Fort Collins, CO, United States  
Brostoff, Steven W., Carlsbad, CA, United States  
Carlo, Dennis J., Rancho Santa Fe, CA, United States  
PATENT ASSIGNEE(S): The Immune Response Corporation, Carlsbad, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6207645	B1	20010327
APPLICATION INFO.:	US 1994-276776		19940718 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-813867, filed on 24 Dec 1991, now abandoned Continuation-in-part of Ser. No. US 1991-644611, filed on 22 Jan 1991, now abandoned Continuation-in-part of Ser. No. US 1990-530229, filed on 30 May 1990, now abandoned Continuation-in-part of		

Ser. No. US 1989-382085, filed on 18 Jul 1989, now abandoned Continuation-in-part of Ser. No. US 1989-382086, filed on 18 Jul 1989, now abandoned Continuation-in-part of Ser. No. US 1989-326314, filed on 21 Mar 1989, now abandoned

DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: LeGuyader, John L.  
 ASSISTANT EXAMINER: Stroup, Carrie Marlene  
 LEGAL REPRESENTATIVE: Campbell & Flores LLP  
 NUMBER OF CLAIMS: 7  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 4 Drawing Figure(s); 3 Drawing Page(s)  
 LINE COUNT: 1891  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 8 OF 48 USPATFULL

ACCESSION NUMBER: 2000:168140 USPATFULL  
 TITLE: Compounds and methods for treatment and diagnosis of mycobacterial infections  
 INVENTOR(S): Visser, Elizabeth, Auckland, New Zealand  
 PATENT ASSIGNEE(S): Genesis Research and Development Corporation Limited, Parnell, New Zealand (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6160093		20001212
APPLICATION INFO.:	US 1998-95855		19980611 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-997362, filed on 23 Dec 1997, now patented, Pat. No. US 5985287 which is a continuation-in-part of Ser. No. US 1997-873970, filed on 12 Jun 1997, now patented, Pat. No. US 6001361 which is a continuation-in-part of Ser. No. US 1996-705347, filed on 29 Aug 1996		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Mosher, Mary E.		
LEGAL REPRESENTATIVE:	Speckman, Ann W., Sleath, Janet		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	22 Drawing Figure(s); 20 Drawing Page(s)		
LINE COUNT:	7369		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L17 ANSWER 9 OF 48 USPATFULL

ACCESSION NUMBER: 2000:167518 USPATFULL  
 TITLE: Vaccination and methods against diseases resulting from pathogenic responses by specific T cell populations  
 INVENTOR(S): Howell, Mark D., San Diego, CA, United States  
 Brostoff, Steven W., Carlsbad, CA, United States  
 PATENT ASSIGNEE(S): Carlo, Dennis J., Rancho Santa Fe, CA, United States  
 The Immune Response Corporation, Carlsbad, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6159470		20001212
APPLICATION INFO.:	US 1995-464506		19950605 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-376049, filed on 20 Jan 1995, now patented, Pat. No. US 5837246 which is a continuation of Ser. No. US 1993-10483, filed on 28 Jan 1993, now abandoned which is a continuation of Ser. No. US 1990-530229, filed on 30 May 1990, now abandoned which is a continuation-in-part of Ser. No. US		

1989-382085, filed on 18 Jul 1989, now abandoned And a continuation-in-part of Ser. No. US 1989-382086, filed on 18 Jul 1989, now abandoned And a continuation-in-part of Ser. No. US 1989-326314, filed on 21 Mar 1989, now abandoned

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Chan, Christina Y.  
ASSISTANT EXAMINER: Lubet, Martha  
LEGAL REPRESENTATIVE: Campbell & Flores LLP  
NUMBER OF CLAIMS: 2  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 2 Drawing Page(s)  
LINE COUNT: 1196  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 10 OF 48 USPATFULL

ACCESSION NUMBER: 2000:167517 USPATFULL  
TITLE: Streptococcus pneumoniae antigens and vaccines  
INVENTOR(S): Choi, Gil H., Rockville, MD, United States  
Kunsch, Charles A., Atlanta, GA, United States  
Barash, Steven C., Rockville, MD, United States  
Dillon, Patrick J., Carlsbad, CA, United States  
Dougherty, Brian, Killingworth, CT, United States  
Fannon, Michael R., Silver Spring, MD, United States  
Rosen, Craig A., Laytonsville, MD, United States  
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6159469		20001212
APPLICATION INFO.:	US 1997-961083		19971030 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-29960	19961031 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Housel, James C.	
ASSISTANT EXAMINER:	Hines, Ja-Na A.	
LEGAL REPRESENTATIVE:	Human Genome Sciences, Inc.	
NUMBER OF CLAIMS:	73	
EXEMPLARY CLAIM:	1	
LINE COUNT:	13121	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 11 OF 48 USPATFULL

ACCESSION NUMBER: 2000:113498 USPATFULL  
TITLE: Hybrid plasmid for 38 kDa antigen of M. tuberculosis  
INVENTOR(S): Singh, Mahavir, Braunschweig, Germany, Federal Republic of  
Timmis, Kenneth Nigel, Braunschweig, Germany, Federal Republic of  
PATENT ASSIGNEE(S): Gesellschaft fuer Biotechnologische Forschung mbH (GBF), Braunschweig, Germany, Federal Republic of (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6110469		20000829
APPLICATION INFO.:	US 1993-102505		19930805 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1992-882574, filed on 13 May 1992, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	DE 1991-4116249	19910517
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Minnifield, Nita	
LEGAL REPRESENTATIVE:	Kane, Dalsimer, Sullivan, Kurucz, Levy, Eisele and Richard, LLP	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 9 Drawing Page(s)	
LINE COUNT:	774	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 12 OF 48 USPATFULL  
 ACCESSION NUMBER: 2000:91542 USPATFULL  
 TITLE: Vaccination and methods against diseases resulting from pathogenic responses  
 INVENTOR(S): Howell, Mark D., Fort Collins, CO, United States  
 Brostoff, Steven W., Carlsbad, CA, United States  
 Carlo, Dennis J., Rancho Santa Fe, CA, United States  
 PATENT ASSIGNEE(S): The Immune Response Corporation, Carlsbad, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6090387		20000718
APPLICATION INFO.:	US 1995-472040		19950606 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-276776, filed on 18 Jul 1994 which is a continuation of Ser. No. US 1991-813867, filed on 24 Dec 1991, now abandoned which is a continuation-in-part of Ser. No. US 1991-644611, filed on 22 Jan 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-530229, filed on 30 May 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-382085, filed on 18 Jul 1989, now abandoned And Ser. No. US 1989-382086, filed on 18 Jul 1989, now abandoned which is a continuation-in-part of Ser. No. US 1989-326314, filed on 21 Mar 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Chan, Christina Y.		
ASSISTANT EXAMINER:	Lubet, Martha		
LEGAL REPRESENTATIVE:	Campbell & Flores LLP		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	2418		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 13 OF 48 USPATFULL  
 ACCESSION NUMBER: 2000:80733 USPATFULL  
 TITLE: Immunostimulating and vaccine compositions employing saponin analog adjuvants and uses thereof  
 INVENTOR(S): Marciani, Dante J., Brimingham, AL, United States  
 PATENT ASSIGNEE(S): Galenica Pharmaceuticals, Inc., Frederick, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6080725		20000627
APPLICATION INFO.:	US 1999-290606		19990413 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1998-81647, filed on 20 May 1998, now patented, Pat. No. US 5977081

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-47129	19970520 (60)
	US 1998-80389	19980402 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Lee, Howard C.	
LEGAL REPRESENTATIVE:	Sterne, Kessler, Goldstein & Fox, P.L.L.C.	
NUMBER OF CLAIMS:	37	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	12 Drawing Figure(s); 11 Drawing Page(s)	
LINE COUNT:	2493	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 14 OF 48 USPATFULL

ACCESSION NUMBER: 2000:37396 USPATFULL  
TITLE: immunogenic compositions for mucosal administration of pneumococcal surface protein A (PspA)  
INVENTOR(S): Briles, David E., Birmingham, AL, United States  
Wu, Hong-Yin, Birmingham, AL, United States  
PATENT ASSIGNEE(S): UAB Research Foundation, Birmingham, AL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6042838		20000328
APPLICATION INFO.:	US 1995-446201		19950519 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-312949, filed on 30 Sep 1994 which is a continuation-in-part of Ser. No. US 1994-246636, filed on 20 May 1994 which is a continuation-in-part of Ser. No. US 1993-48896, filed on 20 Apr 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-835698, filed on 12 Feb 1992, now abandoned which is a continuation-in-part of Ser. No. US 1991-656773, filed on 15 Feb 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Housel, James C.		
ASSISTANT EXAMINER:	Swartz, Rodney P.		
LEGAL REPRESENTATIVE:	Frommer Lawrence & Haug LLP, Frommer, William S., Kowalski, Thomas J.		
NUMBER OF CLAIMS:	8		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	10 Drawing Figure(s); 8 Drawing Page(s)		
LINE COUNT:	2307		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 15 OF 48 USPATFULL

ACCESSION NUMBER: 2000:21228 USPATFULL  
TITLE: Mucosal administration of pneumococcal antigens  
INVENTOR(S): Briles, David E., Birmingham, AL, United States  
Wu, Hong-Yin, Birmingham, AL, United States  
PATENT ASSIGNEE(S): UAB Research Foundation, Birmingham, AL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6027734		20000222
APPLICATION INFO.:	US 1994-312949		19940930 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-246636, filed		

on 20 May 1994 which is a continuation-in-part of Ser. No. US 1993-48896, filed on 20 Apr 1993 which is a continuation-in-part of Ser. No. US 1992-835698, filed on 12 Feb 1992 which is a continuation-in-part of Ser. No. US 1991-656773, filed on 15 Feb 1991, now abandoned

DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Housel, James C.  
 ASSISTANT EXAMINER: Swartz, Rodney P.  
 LEGAL REPRESENTATIVE: Frommer Lawrence & Haug LLP, Frommer, William S., Kowalski, Thomas J.

NUMBER OF CLAIMS: 9  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 7 Drawing Figure(s); 8 Drawing Page(s)  
 LINE COUNT: 1919  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 16 OF 48 USPATFULL  
 ACCESSION NUMBER: 2000:7065 USPATFULL  
 TITLE: Polyphosphazene polyelectrolyte immunoadjuvants  
 INVENTOR(S): Andrianov, Alexander K., Belmont, MA, United States  
 Payne, Lendon G., Arlington, MA, United States  
 Sargent, Jonathan R., Somerville, MA, United States  
 Sule, Sameer S., Woburn, MA, United States  
 PATENT ASSIGNEE(S): AVANT Immunotherapeutics, Inc., Needham, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6015563		20000118
APPLICATION INFO.:	US 1998-185834		19981104 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-478552, filed on 7 Jun 1995		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Leary, Louise N.		
LEGAL REPRESENTATIVE:	Olstein, Elliot M., Lillie, Raymond J.		
NUMBER OF CLAIMS:	22		
EXEMPLARY CLAIM:	1		
LINE COUNT:	640		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 17 OF 48 USPATFULL  
 ACCESSION NUMBER: 1999:155510 USPATFULL  
 TITLE: Method for in vitro proliferation of dendritic cell precursors and their use to produce immunogens  
 INVENTOR(S): Steinman, Ralph M., Westport, CT, United States  
 Inaba, Kayo, Kyoto, Japan  
 Schuler, Gerold, Innsbruck, Austria  
 PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5994126		19991130
APPLICATION INFO.:	US 1994-261537		19940617 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-40677, filed on 31 Mar 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-981357, filed on 25 Nov 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-861612, filed on 1 Apr 1992		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		

PRIMARY EXAMINER: Lankford, Jr., Leon B.  
LEGAL REPRESENTATIVE: Morgan & Finnegan, L.L.P., Sonnenfeld, Kenneth H.  
NUMBER OF CLAIMS: 14  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 26 Drawing Figure(s); 26 Drawing Page(s)  
LINE COUNT: 3717  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 18 OF 48 USPATFULL

ACCESSION NUMBER: 1999:146252 USPATFULL  
TITLE: Vaccination and methods against diseases resulting from pathogenic responses by specific T cell populations  
INVENTOR(S): Howell, Mark D., Fort Collins, CO, United States  
Brostoff, Steven W., Carlsbad, CA, United States  
Carlo, Dennis J., Rancho Santa Fe, CA, United States  
PATENT ASSIGNEE(S): The Immune Response Corporation, Carlsbad, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5985552		19991116
APPLICATION INFO.:	US 1995-466860		19950606 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1994-276776, filed on 18 Jul 1994 which is a continuation of Ser. No. US 1991-813867, filed on 24 Dec 1991, now abandoned which is a continuation-in-part of Ser. No. US 1991-644611, filed on 22 Jan 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-530229, filed on 30 May 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-382085, filed on 18 Jul 1989, now abandoned And Ser. No. US 1989-382086, filed on 18 Jul 1989, now abandoned which is a continuation-in-part of Ser. No. US 1989-326314, filed on 21 Mar 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Cunningham, Thomas M.		
ASSISTANT EXAMINER:	Lubet, Martha		
LEGAL REPRESENTATIVE:	Campbell & Flores LLP		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	2446		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 19 OF 48 USPATFULL

ACCESSION NUMBER: 1999:106576 USPATFULL  
TITLE: Streptococcus pneumoniae capsular polysaccharide genes and flanking regions  
INVENTOR(S): Yother, Janet, Birmingham, AL, United States  
Dillard, Joseph, Hinsdale, IL, United States  
PATENT ASSIGNEE(S): UAB Research Foundation, Birmingham, AL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5948900		19990907
APPLICATION INFO.:	US 1997-867030		19970602 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-243546, filed on 16 May 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Sisson, Bradley L.		
LEGAL REPRESENTATIVE:	Adler, Benjamin Aaron		

NUMBER OF CLAIMS: 8  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 29 Drawing Figure(s); 39 Drawing Page(s)  
LINE COUNT: 4586  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 20 OF 48 USPATFULL

ACCESSION NUMBER: 1999:75477 USPATFULL  
TITLE: Heat shock protein HSP72 of Streptococcus pneumoniae  
INVENTOR(S): Brodeur, Bernard R., Sillery, Canada  
Martin, Denis, St.-Augustin, Canada  
Hamel, Josee, Sillery, Canada  
PATENT ASSIGNEE(S): Biochem Vaccines Inc., Ste-Foy, Canada (non-U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5919620		19990706
APPLICATION INFO.:	US 1995-472534		19950607 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Housel, James C.		
ASSISTANT EXAMINER:	Swartz, Rodney P.		
LEGAL REPRESENTATIVE:	Foley & Lardner		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	20 Drawing Figure(s); 14 Drawing Page(s)		
LINE COUNT:	2571		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 21 OF 48 USPATFULL

ACCESSION NUMBER: 1999:43735 USPATFULL  
TITLE: Antigenic modification of polypeptides  
INVENTOR(S): Stevens, Vernon C., Dublin, OH, United States  
PATENT ASSIGNEE(S): The Ohio State University Research Foundation,  
Columbus, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5891992		19990406
APPLICATION INFO.:	US 1995-467569		19950606 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-958601, filed on 6 Oct 1992 which is a continuation of Ser. No. US 1989-390530, filed on 7 Aug 1989, now abandoned which is a continuation-in-part of Ser. No. US 1987-86401, filed on 17 Aug 1987, now patented, Pat. No. US 4855285, issued on 8 Aug 1989 which is a continuation-in-part of Ser. No. US 1985-804642, filed on 4 Dec 1985, now patented, Pat. No. US 4713366, issued on 15 Dec 1987		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Achutamurthy, Ponnathapura		
ASSISTANT EXAMINER:	Wessendorf, T. D.		
LEGAL REPRESENTATIVE:	Kremblas, Jr., Francis T. Kremblas, Foster, Millard & Pollick		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	29 Drawing Figure(s); 23 Drawing Page(s)		
LINE COUNT:	6270		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 22 OF 48 USPATFULL

ACCESSION NUMBER: 1999:7152 USPATFULL

TITLE: Vaccination against diseases resulting from pathogenic responses by specific T cell populations  
 INVENTOR(S): Howell, Mark D., San Diego, CA, United States  
 Brostoff, Steven W., Carlsbad, CA, United States  
 Carlo, Dennis J., Rancho Santa Fe, CA, United States  
 PATENT ASSIGNEE(S): The Immune Response Corporation, Carlsbad, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5861164		19990119
APPLICATION INFO.:	US 1993-146454		19931101 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-987571, filed on 8 Dec 1992, now abandoned which is a continuation of Ser. No. US 1989-382085, filed on 18 Jul 1989, now abandoned which is a continuation-in-part of Ser. No. US 1989-326314, filed on 21 Mar 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Cunningham, Thomas M.		
LEGAL REPRESENTATIVE:	Campbell & Flores LLP		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
LINE COUNT:	701		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 23 OF 48 USPATFULL

ACCESSION NUMBER: 1999:1237 USPATFULL  
 TITLE: Polyphosphazene polyelectrolyte immunoadjuvants  
 INVENTOR(S): Andrianov, Alexander K., Belmont, MA, United States  
 Payne, Lendon G., Arlington, MA, United States  
 Sargent, Jonathan R., Somerville, MA, United States  
 Sule, Sameer S., Woburn, MA, United States  
 PATENT ASSIGNEE(S): Virus Research Institute, Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5855895		19990105
APPLICATION INFO.:	US 1995-478552		19950607 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Woodward, Michael P.		
ASSISTANT EXAMINER:	Lee, Datquan		
LEGAL REPRESENTATIVE:	Olstein, Elliot M., Semionow, Raina		
NUMBER OF CLAIMS:	27		
EXEMPLARY CLAIM:	1		
LINE COUNT:	642		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 24 OF 48 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 1998412730 EMBASE  
 TITLE: Host immune responses to ribosome, ribosomal proteins, and RNA from Mycobacterium bovis bacille de Calmette-Guerin.  
 AUTHOR: Miyazaki C.; Ohara N.; Yukitake H.; Kinomoto M.; Matsushita K.; Matsumoto S.; Mizuno A.; Yamada T.  
 CORPORATE SOURCE: T. Yamada, Nagasaki Univ. School of Dentistry, Sakamoto 1-7-1, Nagasaki 852-8588, Japan  
 SOURCE: Vaccine, (21 Jan 1999) 17/3 (245-251).  
 Refs: 17  
 ISSN: 0264-410X CODEN: VACCDE  
 PUBLISHER IDENT.: S 0264-410X(98)00191-1  
 COUNTRY: United Kingdom  
 DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 004 Microbiology  
026 Immunology, Serology and Transplantation  
037 Drug Literature Index  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L17 ANSWER 25 OF 48 USPATFULL

ACCESSION NUMBER: 1998:159690 USPATFULL  
TITLE: Method for in vitro proliferation of dendritic cell precursors and their use to produce immunogens  
INVENTOR(S): Steinman, Ralph M., Westport, CT, United States  
Inaba, Kayo, Kyoto, Japan  
Schuler, Gerold, Innsbruck, Austria  
PATENT ASSIGNEE(S): The Rockefeller University, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5851756		19981222
APPLICATION INFO.:	US 1995-458230		19950602 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-40677, filed on 31 Mar 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-981357, filed on 25 Nov 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-861612, filed on 1 Apr 1992, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Schwadron, Ronald B.		
LEGAL REPRESENTATIVE:	Morgan & Finnegan, L.L.P.		
NUMBER OF CLAIMS:	38		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	53 Drawing Figure(s); 20 Drawing Page(s)		
LINE COUNT:	3090		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 26 OF 48 USPATFULL

ACCESSION NUMBER: 1998:150727 USPATFULL  
TITLE: Diphtheria toxin receptor-binding region  
INVENTOR(S): Collier, R. John, Wellesley Hills, MA, United States  
Eisenberg, David, Los Angeles, CA, United States  
Fu, Hai-an, Allston, MA, United States  
Choe, Seunghyon, Reseda, CA, United States  
PATENT ASSIGNEE(S): The Regents of the University of California, Oakland, CA, United States (U.S. corporation)  
The President and Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5843711		19981201
APPLICATION INFO.:	US 1995-552248		19951102 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-119316, filed on 9 Sep 1993, now abandoned which is a continuation of Ser. No. US 1992-881394, filed on 6 May 1992, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wax, Robert A.		
ASSISTANT EXAMINER:	Longton, Enrique D.		
LEGAL REPRESENTATIVE:	Fish & Richardson, P.C.		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Figure(s); 10 Drawing Page(s)		
LINE COUNT:	1245		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 27 OF 48 USPATFULL

ACCESSION NUMBER: 1998:143656 USPATFULL  
TITLE: Vaccination and methods against diseases resulting from pathogenic responses by specific T cell populations  
INVENTOR(S): Howell, Mark D., San Diego, CA, United States  
Brostoff, Steven W., Carlsbad, CA, United States  
Carlo, Dennis J., Rancho Santa Fe, CA, United States  
PATENT ASSIGNEE(S): The Immune Response Corporation, Carlsbad, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5837246		19981117
APPLICATION INFO.:	US 1995-376049		19950120 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1993-10483, filed on 28 Jan 1993, now abandoned which is a continuation of Ser. No. US 1990-530229, filed on 30 May 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-382085, filed on 18 Jul 1989, now abandoned And Ser. No. US 1989-382086, filed on 18 Jul 1989, now abandoned which is a continuation-in-part of Ser. No. US 1989-326314, filed on 21 Mar 1989, now abandoned , said Ser. No. US -382085 which is a continuation-in-part of Ser. No. US -326314		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Cunningham, Thomas M.		
LEGAL REPRESENTATIVE:	Campbell & Flores LLP		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	1224		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 28 OF 48 USPATFULL

ACCESSION NUMBER: 1998:122502 USPATFULL  
TITLE: Antigenic modification of polypeptides  
INVENTOR(S): Stevens, Vernon C., Dublin, OH, United States  
PATENT ASSIGNEE(S): The Ohio State University Research Foundation, Columbus, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5817753		19981006
APPLICATION INFO.:	US 1992-958601		19921006 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1989-390530, filed on 7 Aug 1989, now abandoned which is a continuation-in-part of Ser. No. US 1987-86401, filed on 17 Aug 1987, now patented, Pat. No. US 4855285, issued on 8 Aug 1989 which is a continuation-in-part of Ser. No. US 1985-804642, filed on 4 Dec 1985, now patented, Pat. No. US 4713366, issued on 15 Dec 1987		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Achutamurthy, Ponnathapura		
ASSISTANT EXAMINER:	Wessendorf, T. D.		
LEGAL REPRESENTATIVE:	Kremblas, Jr., Francis T. Kremblas, Foster, Millard & Pollick		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	29 Drawing Figure(s); 23 Drawing Page(s)		
LINE COUNT:	6302		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 29 OF 48 USPATFULL

ACCESSION NUMBER: 1998:85774 USPATFULL

TITLE: Mycobacteria virulence factors and a novel method for their identification

INVENTOR(S): Jacobs, Jr., William R., City Island, NY, United States  
Bloom, Barry R., Hastings-on-Hudson, NY, United States  
Collins, Desmond Michael, Wellington, New Zealand  
de Lisle, Geoffrey W., Wellington, New Zealand  
Pascopella, Lisa, Hamilton, MT, United States  
Kawakami, Riku Pamela, Wellington, New Zealand  
PATENT ASSIGNEE(S): Agresearch, New Zealand Pastoral Agriculture Research  
Institute Ltd., New Zealand (non-U.S. corporation)  
Albert Einstein College of Medicine of Yeshiva  
University, Bronx, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5783386		19980721
APPLICATION INFO.:	US 1994-363255		19941223 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-292695, filed on 18 Aug 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-265579, filed on 24 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-201880, filed on 24 Feb 1994, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Housel, James C.		
ASSISTANT EXAMINER:	Swartz, Rodney P.		
LEGAL REPRESENTATIVE:	Morrison & Foerster LLP		
NUMBER OF CLAIMS:	3		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	34 Drawing Figure(s); 32 Drawing Page(s)		
LINE COUNT:	2923		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 30 OF 48 USPATFULL

ACCESSION NUMBER: 1998:19812 USPATFULL

TITLE: DNA encoding PH-20 proteins

INVENTOR(S): Primakoff, Paul, West Simsbury, CT, United States  
Myles, Diana G., West Simsbury, CT, United States

PATENT ASSIGNEE(S): University of Connecticut, Storrs, CT, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5721348		19980224
APPLICATION INFO.:	US 1991-779890		19911021 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1990-627782, filed on 14 Dec 1990, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Sidberry, Hazel F.		
LEGAL REPRESENTATIVE:	Hamilton, Brook, Smith & Reynolds, P.C.		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	977		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 31 OF 48 USPATFULL

ACCESSION NUMBER: 97:24715 USPATFULL

TITLE: T cell receptor peptides as therapeutics for  
immune-related disease  
INVENTOR(S): Vandembark, Arthur A., Portland, OR, United States  
PATENT ASSIGNEE(S): Connective Therapeutics, Inc., Palo Alto, CA, United  
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5614192		19970325
APPLICATION INFO.:	US 1993-59020		19930316 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-735612, filed on 16 Jul 1991, now abandoned which is a continuation-in-part of Ser. No. US 1991-708022, filed on 31 May 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-554529, filed on 19 Jul 1990, now abandoned which is a continuation-in-part of Ser. No. US 1990-467577, filed on 19 Jan 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-382804, filed on 19 Jul 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Cunningham, Thomas M.		
LEGAL REPRESENTATIVE:	Lowin, David A., Warburg, Richard J. Lyon & Lyon		
NUMBER OF CLAIMS:	56		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	47 Drawing Figure(s); 27 Drawing Page(s)		
LINE COUNT:	5870		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 32 OF 48 USPATFULL  
ACCESSION NUMBER: 97:22482 USPATFULL  
TITLE: Vaccination against diseases resulting from pathogenic  
responses by specific T cell populations  
INVENTOR(S): Howell, Mark D., San Diego, CA, United States  
Brostoff, Steven W., Carlsbad, CA, United States  
Carlo, Dennis J., Rancho Santa Fe, CA, United States  
PATENT ASSIGNEE(S): The Immune Response Corporation, Carlsbad, CA, United  
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5612035		19970318
APPLICATION INFO.:	US 1993-103418		19930806 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-974334, filed on 10 Nov 1992, now abandoned which is a continuation of Ser. No. US 1989-326314, filed on 21 Mar 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Cunningham, Thomas M.		
LEGAL REPRESENTATIVE:	Campbell & Flores LLP		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	1		
LINE COUNT:	569		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 33 OF 48 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
ACCESSION NUMBER: 1997:304895 BIOSIS  
DOCUMENT NUMBER: PREV199799612698  
TITLE: Immunization of HIV-infected adults with a three-dose  
series of inactivated Mycobacterium vaccae.  
AUTHOR(S): Marsh, Bryan J.; Von Reyn, C. Fordham (1); Arbeit, Robert  
D.; Morin, Paul  
CORPORATE SOURCE: (1) Infect. Dis. Sect., Dartmouth-Hitchcock Med. Cent.,  
Lebanon, NH 03756 USA

SOURCE: American Journal of the Medical Sciences, (1997) Vol. 313,  
No. 6, pp. 377-383.  
ISSN: 0002-9629.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L17 ANSWER 34 OF 48 USPATFULL

ACCESSION NUMBER: 96:91830 USPATFULL  
TITLE: Phosphazene polyelectrolytes as immunoadjuvants  
INVENTOR(S): Allcock, Harry R., State College, PA, United States  
Andrianov, Alexander K., Belmont, MA, United States  
Langer, Robert S., Newton, MA, United States  
Visscher, Karyn B., State College, PA, United States  
PATENT ASSIGNEE(S): Massachusetts Institute of Technology, Cambridge, MA,  
United States (U.S. corporation)  
Virus Research Institute, University Park, PA, United  
States (U.S. corporation)  
The Penn State Research Foundation, Cambridge, MA,  
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5562909		19961008
APPLICATION INFO.:	US 1993-90841		19930712 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kim, Kay K. A.		
LEGAL REPRESENTATIVE:	Arnall Golden & Gregory		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
LINE COUNT:	945		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 35 OF 48 USPATFULL

ACCESSION NUMBER: 96:16756 USPATFULL  
TITLE: Phosphazene polyelectrolytes as immunoadjuvants  
INVENTOR(S): Andrianov, Alexander K., Belmont, MA, United States  
Jenkins, Sharon A., Peabody, MA, United States  
Payne, Lendon G., Arlington, MA, United States  
Roberts, Bryan E., Cambridge, MA, United States  
PATENT ASSIGNEE(S): Virus Research Institute, Cambridge, MA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5494673		19960227
APPLICATION INFO.:	US 1994-273285		19940711 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-90841, filed on 12 Jul 1993		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kim, Kay K. A.		
LEGAL REPRESENTATIVE:	Olstein, Elliot M.		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1068		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 36 OF 48 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
1

ACCESSION NUMBER: 1995:314583 BIOSIS  
DOCUMENT NUMBER: PREV199598328883  
TITLE: The **immunogenicity** of recombinant Mycobacterium  
smegmatis bearing BCG genes.

AUTHOR(S): Falcone, Valeria; Bassey, Effiong; Jacobs., William, Jr.;  
Collins, Frank (1)  
CORPORATE SOURCE: (1) Mycobacteria Lab., Cent. Biol. Eval. Res., FDA,  
Bethesda, MD 20892 USA  
SOURCE: Microbiology (Reading), (1995) Vol. 141, No. 5, pp.  
1239-1245.  
ISSN: 1350-0872.  
DOCUMENT TYPE: Article  
LANGUAGE: English

L17 ANSWER 37 OF 48 USPATFULL

ACCESSION NUMBER: 94:88634 USPATFULL

TITLE: Polypeptides and derivatives thereof as well as their  
use in pharmaceutical and diagnostic compositions

INVENTOR(S): Van Eden, Willem, Bilthoven, Netherlands  
Van Embden, Johannes D. A., Utrecht, Netherlands

Van Der Zee, Ruurd, Utrecht, Netherlands

Cohen, Irun R., Rehovot, Israel

PATENT ASSIGNEE(S): De Staat der Nederlanden Vertegenwoordigd Voor de  
Minister Van Welzijn, Volksgezondheid en Cultuur, both  
of, Netherlands (non-U.S. corporation)  
Riksuniversiteit Te Utrecht, both of, Netherlands  
(non-U.S. corporation)  
Yeda Research and Development Co., Ltd., Israel  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5354691		19941011
APPLICATION INFO.:	US 1992-893783		19920605 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1988-288080, filed on 21 Dec 1988, now patented, Pat. No. US 5154923		

	NUMBER	DATE
PRIORITY INFORMATION:	NL 1987-3107	19871222
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Kim, Kay K.	
LEGAL REPRESENTATIVE:	Brumbaugh, Graves, Donohue & Raymond	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
LINE COUNT:	493	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 38 OF 48 USPATFULL

ACCESSION NUMBER: 93:35475 USPATFULL

TITLE: Non-malignant cells coupled to adjuvants and their use  
in a method to induce anti-tumor immunity

INVENTOR(S): Eggers, Arnold E., New York, NY, United States

PATENT ASSIGNEE(S): State University of New York (Suny), Albany, NY, United  
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5208022		19930504
APPLICATION INFO.:	US 1990-627555		19901210 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1988-196037, filed on 19 May 1988, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Wityshyn, Michael G.		
ASSISTANT EXAMINER:	Mohamed, Abdel A.		
LEGAL REPRESENTATIVE:	Morgan & Finnegan		

NUMBER OF CLAIMS: 26  
EXEMPLARY CLAIM: 1  
LINE COUNT: 600

L17 ANSWER 39 OF 48 USPATFULL

ACCESSION NUMBER: 92:84683 USPATFULL

TITLE: Polypeptides and derivatives thereof as well as their use in pharmaceutical and diagnostic compositions

INVENTOR(S): Van Eden, Willem, Bilthoven, Netherlands  
Van Embden, Johannes D. A., Utrecht, Netherlands  
Van der Zee, Ruurd, Utrecht, Netherlands  
Cohen, Irun R., Rehovot, Israel

PATENT ASSIGNEE(S): De Staat Der Nederlanden Vertegenwoordigd Door de Minister Van Welzijn, Volksgezondheid En Cultuur, both of, Netherlands (non-U.S. corporation)  
Rijksuniversiteit Te Utrecht, both of, Netherlands (non-U.S. corporation)  
Yeda Research and Development Co. Ltd., Israel (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5154923		19921013
APPLICATION INFO.:	US 1988-288080		19881221 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	NL 1987-3107	19871222
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Nucker, Christine M.	
ASSISTANT EXAMINER:	Kim, Kay	
LEGAL REPRESENTATIVE:	Brumbaugh, Graves, Donohue & Raymond	
NUMBER OF CLAIMS:	13	
EXEMPLARY CLAIM:	1	
LINE COUNT:	457	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 40 OF 48 USPATFULL

ACCESSION NUMBER: 89:102184 USPATFULL

TITLE: Synthetic polypeptides and receptor molecules derived therefrom and methods of use

INVENTOR(S): Shinnick, Thomas M., Del Mar, CA, United States  
Minden, Percy, LaJolla, CA, United States

Houghten, Richard A., Solana Beach, CA, United States  
PATENT ASSIGNEE(S): Scripps Clinic and Research Foundation, La Jolla, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4889800		19891226
APPLICATION INFO.:	US 1987-88146		19870821 (7)
RELATED APPLN. INFO.:	Division of Ser. No. US 1985-765048, filed on 12 Aug 1985, now patented, Pat. No. US 4689397		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Rosen, Sam		
LEGAL REPRESENTATIVE:	Dressler, Goldsmith, Shore, Sutker & Milnamow, Ltd.		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1,2		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	1328		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 41 OF 48 USPATFULL

ACCESSION NUMBER: 89:65078 USPATFULL  
TITLE: Antigenic modification of polypeptides  
INVENTOR(S): Stevens, Vernon C., Dublin, OH, United States  
PATENT ASSIGNEE(S): The Ohio State University Research Foundation,  
Columbus, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4855285		19890808
APPLICATION INFO.:	US 1987-86401		19870817 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1985-804642, filed on 4 Dec 1985, now patented, Pat. No. US 4713366		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Phillips, Delbert R.		
LEGAL REPRESENTATIVE:	Millard, Sidney W.		
NUMBER OF CLAIMS:	20		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	26 Drawing Figure(s); 23 Drawing Page(s)		
LINE COUNT:	6203		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 42 OF 48 USPATFULL

ACCESSION NUMBER: 87:60335 USPATFULL  
TITLE: Synthetic polypeptides for detecting mycobacterial infections  
INVENTOR(S): Shinnick, Thomas M., Del Mar, CA, United States  
Minden, Percy, La Jolla, CA, United States  
Houghten, Richard A., Solana Beach, CA, United States  
PATENT ASSIGNEE(S): Scripps Clinic and Research Foundation, La Jolla, CA,  
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4689397		19870825
APPLICATION INFO.:	US 1985-765048		19850812 (6)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Phillips, Delbert R.		
LEGAL REPRESENTATIVE:	Dressler, Goldsmith, Shore, Sutker & Milnamow, Ltd.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	1238		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L17 ANSWER 43 OF 48 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

ACCESSION NUMBER: 87134334 EMBASE  
DOCUMENT NUMBER: 1987134334  
TITLE: Comparative study of immunizing and delayed hypersensitivity eliciting antigens of Mycobacterium leprae, M. tuberculosis, M. vaccae, and M. bovis (BCG).  
AUTHOR: Sinha S.; Sreevatsa; Gupta S.K.; Sengupta U.  
CORPORATE SOURCE: Central JALMA Institute for Leprosy, Taj Ganj, Agra 282001, India  
SOURCE: International Journal of Leprosy, (1987) 55/1 (42-53).  
CODEN: IJLEAG  
COUNTRY: United States  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 037 Drug Literature Index  
051 Leprosy and other Mycobacterial Diseases  
026 Immunology, Serology and Transplantation  
013 Dermatology and Venereology

LANGUAGE: 004 Microbiology  
English  
SUMMARY LANGUAGE: Spanish; French

L17 ANSWER 44 OF 48 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
2

ACCESSION NUMBER: 1984:218400 BIOSIS  
DOCUMENT NUMBER: BA77:51384  
TITLE: KINETICS OF THE DELAYED TYPE HYPER SENSITIVITY RESPONSE IN  
TUBERCULOUS GUINEA-PIGS AND MICE TESTED WITH SEVERAL  
MYCOBACTERIAL ANTIGEN PREPARATIONS.  
AUTHOR(S): COLLINS F M  
CORPORATE SOURCE: TRUDEAU INST., INC. P.O. BOX 59, SARANAC LAKE, NY 12983.  
SOURCE: AM REV RESPIR DIS, (1983) 127 (5), 599-604.  
CODEN: ARDSBL. ISSN: 0003-0805.  
FILE SEGMENT: BA; OLD  
LANGUAGE: English

L17 ANSWER 45 OF 48 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 81123696 EMBASE  
DOCUMENT NUMBER: 1981123696  
TITLE: Specific skin-reactive protein from culture filtrate of  
Mycobacterium bovis BCG.  
AUTHOR: Nagai S.; Matsumoto J.; Nagasuga T.  
CORPORATE SOURCE: Toneyama Inst. Tbc Res., Toyonaka, Japan  
SOURCE: Infection and Immunity, (1981) 31/3 (1152-1160).  
CODEN: INFIBR  
COUNTRY: United States  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 037 Drug Literature Index  
051 Leprosy and other Mycobacterial Diseases  
004 Microbiology  
015 Chest Diseases, Thoracic Surgery and Tuberculosis  
026 Immunology, Serology and Transplantation  
LANGUAGE: English

L17 ANSWER 46 OF 48 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.  
ACCESSION NUMBER: 74066833 EMBASE  
DOCUMENT NUMBER: 1974066833  
TITLE: The relative **immunogenicity** of virulent and  
attenuated strains of tubercle bacilli.  
AUTHOR: Collins F.M.  
CORPORATE SOURCE: Trudeau Inst., Saranac Lake, N.Y. 12983, United States  
SOURCE: AMER.REV.RESP.DIS., (1973) 107/6 (1030-1040).  
CODEN: ARRDAB  
DOCUMENT TYPE: Journal  
FILE SEGMENT: 015 Chest Diseases, Thoracic Surgery and Tuberculosis  
004 Microbiology  
LANGUAGE: English

L17 ANSWER 47 OF 48 MEDLINE  
ACCESSION NUMBER: 72073650 MEDLINE  
DOCUMENT NUMBER: 72073650 PubMed ID: 5002230  
TITLE: The relationship of delayed hypersensitivity to acquired  
antituberculous immunity. II. Effect of adjuvant on the  
allergenicity and **immunogenicity** of heat  
-killed tubercle bacilli.  
AUTHOR: Collins F M; Mackaness G B  
SOURCE: CELLULAR IMMUNOLOGY, (1970 Sep) 1 (3) 266-75.  
PUB. COUNTRY: Journal code: CQ9; 1246405. ISSN: 0008-8749.  
United States  
LANGUAGE: Journal; Article; (JOURNAL ARTICLE)  
English  
FILE SEGMENT: Priority Journals

ENTRY MONTH:

197203

ENTRY DATE:

Entered STN: 19900310

Last Updated on STN: 19900310

Entered Medline: 19720306

L17 ANSWER 48 OF 48 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER:

1969:55799 CAPLUS

DOCUMENT NUMBER:

70:55799

TITLE:

Immunological adjuvants. I. Adjuvant activity and  
**immunogenicity** of acetylated wax D and its  
subfractions

AUTHOR(S):

Tanaka, K.; Tanaka, A.; Sugiyama, K.

CORPORATE SOURCE:

Fac. Med., Kyushu Univ., Fukuoka, Japan

SOURCE:

Int. Arch. Allergy Appl. Immunol. (1968), 34(5),  
495-506

DOCUMENT TYPE:

CODEN: IAAAAM

LANGUAGE:

Journal

English

L8 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:573683 CAPLUS  
DOCUMENT NUMBER: 133:182924  
TITLE: Vaccine composition  
INVENTOR(S): Schroder, Ulf; Svenson, Stefan  
PATENT ASSIGNEE(S): Pharmatrix AB, Swed.  
SOURCE: PCT Int. Appl., 15 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000047225	A2	20000817	WO 2000-EP1046	20000209
WO 2000047225	A3	20001214		
W: AU, CA, JP, NZ, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1154792	A2	20011121	EP 2000-906305	20000209
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRIORITY APPLN. INFO.:

SE 1999-495 A 19990212  
WO 2000-EP1046 W 20000209

L8 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:573682 CAPLUS  
DOCUMENT NUMBER: 133:182986  
TITLE: Vaccine formulation  
INVENTOR(S): Schroder, Ulf; Svenson, Stefan  
PATENT ASSIGNEE(S): Pharmatrix AB, Swed.  
SOURCE: PCT Int. Appl., 15 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent  
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000047224	A2	20000817	WO 2000-EP1038	20000209
WO 2000047224	A3	20001214		
W: AU, CA, JP, NZ, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1150713	A2	20011107	EP 2000-903678	20000209
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				

PRIORITY APPLN. INFO.:

SE 1999-496 A 19990212  
WO 2000-EP1038 W 20000209

OTHER SOURCE(S):

MARPAT 133:182986

L8 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:433344 CAPLUS  
DOCUMENT NUMBER: 133:79341  
TITLE: Immunostimulating and vaccine compositions employing saponin analog **adjuvants** and uses thereof  
INVENTOR(S): Marciani, Dante J.  
PATENT ASSIGNEE(S): Galenica Pharmaceuticals, Inc., USA  
SOURCE: U.S., 40 pp., Cont.-in-part of U.S. 5,977,081.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6080725	A	20000627	US 1999-290606	19990413
US 5977081	A	19991102	US 1998-81647	19980520
PRIORITY APPLN. INFO.:			US 1997-47129	P 19970520
			US 1998-80389	P 19980402
			US 1998-81647	A2 19980520

OTHER SOURCE(S):  
REFERENCE COUNT:

MARPAT 133:79341

46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 7 USPATFULL

ACCESSION NUMBER:

2001:173149 USPATFULL

TITLE:

Adjuvant formulation comprising a submicron oil droplet emulsion

INVENTOR(S):

Van Nest, Gary, El Sobrante, CA, United States  
Ott, Gary, Livermore, CA, United States

PATENT ASSIGNEE(S):

Barchfeld, Gail, Alameda, CA, United States  
Chiron Corporation, Emeryville, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6299884	B1	20011009
APPLICATION INFO.:	US 1995-418870		19950407 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-215007, filed on 21 Mar 1994, now abandoned Continuation of Ser. No. US 1993-41519, filed on 1 Apr 1993, now abandoned Continuation of Ser. No. US 1992-885905, filed on 18 May 1992, now abandoned Continuation of Ser. No. US 1990-528593, filed on 24 May 1990, now abandoned Continuation of Ser. No. US 1989-357035, filed on 25 May 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Wortman, Donna C.		
LEGAL REPRESENTATIVE:	Harbin, Alisa A., Robins, Roberta L., Blackburn, Robert P.		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1613		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L8 ANSWER 5 OF 7 USPATFULL

ACCESSION NUMBER:

2001:102851 USPATFULL

TITLE:

Product and method reduce stress induced immune suppression

INVENTOR(S):

DeMichele, Stephen J., Dublin, OH, United States  
McEwen, John W., Gahanna, OH, United States

PATENT ASSIGNEE(S):

Wood, Steven M., Pickerington, OH, United States  
Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6255341	B1	20010703
APPLICATION INFO.:	US 1999-267557		19990312 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-28987, filed on 25 Feb 1998, now patented, Pat. No. US 6130244		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		

PRIMARY EXAMINER: Pak, John  
LEGAL REPRESENTATIVE: Dixon, J. Michael  
NUMBER OF CLAIMS: 26  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 7 Drawing Figure(s); 7 Drawing Page(s)  
LINE COUNT: 1978  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 6 OF 7 USPATFULL

ACCESSION NUMBER: 2000:134911 USPATFULL  
TITLE: Product and method to reduce stress induced immune suppression  
INVENTOR(S): DeMichele, Stephen J., Dublin, OH, United States  
Wood, Steven M., Pickerington, OH, United States  
PATENT ASSIGNEE(S): Abbott Laboratories, Abbott Park, IL, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6130244		
APPLICATION INFO.:	US 1998-28987		20001010
DOCUMENT TYPE:	Utility		19980225 (9)
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Pak, John		
LEGAL REPRESENTATIVE:	Dixon, J. Michael		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1549		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 7 OF 7 USPATFULL

ACCESSION NUMBER: 1998:6804 USPATFULL  
TITLE: Vaccine compositions containing liposomes  
INVENTOR(S): Barchfeld, Gail L., Hayward, CA, United States  
Ott, Gary, Oakland, CA, United States  
Van Nest, Gary A., El Sobrante, CA, United States  
PATENT ASSIGNEE(S): Chiron Corporation, Emeryville, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5709879		
APPLICATION INFO.:	US 1995-469444		19980120
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-308622, filed on 19 Sep 1994, now abandoned which is a continuation of Ser. No. US 1993-154160, filed on 18 Nov 1993, now abandoned which is a continuation of Ser. No. US 1991-722862, filed on 28 Jun 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-546585, filed on 29 Jun 1990, now abandoned		19950606 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kishore, Gollamudi S.		
LEGAL REPRESENTATIVE:	Robins, Roberta L., McClung, Barbara G., Blackburn, Robert P.		
NUMBER OF CLAIMS:	37		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1961		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 1 OF 3  
ACCESSION NUMBER:  
TITLE:

AUTHOR:  
CORPORATE SOURCE:

SOURCE:

PUBLISHER IDENT.:

COUNTRY:

DOCUMENT TYPE:

FILE SEGMENT:

LANGUAGE:

SUMMARY LANGUAGE:

EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.  
1999131933 EMBASE

Nasal and parenteral immunizations with diphtheria toxoid  
using monoglyceride/fatty acid lipid suspensions as  
adjuvants.

**Schroder U.**; Svenson S.B.

U. Schroder, Dept. of Veterinary Bacteriology, Swedish  
Univ. of Agricultural Sci., P.O. Box 583, S-751 23 Uppsala,  
Sweden. ulf.schroder@bmc.uu.se  
Vaccine, (9 Apr 1999) 17/15-16 (2096-2103).  
Refs: 22

ISSN: 0264-410X CODEN: VACCDE  
S 0264-410X(98)00408-3

United Kingdom

Journal; Article

026

Immunology, Serology and Transplantation

037

Drug Literature Index

English

English

L10 ANSWER 2 OF 3

ACCESSION NUMBER:

DOCUMENT NUMBER:

TITLE:

AUTHOR:

CORPORATE SOURCE:

SOURCE:

PUB. COUNTRY:

LANGUAGE:

FILE SEGMENT:

ENTRY MONTH:

ENTRY DATE:

MEDLINE

1999231964

MEDLINE

99231964

PubMed ID: 10217612

Nasal and parenteral immunizations with diphtheria toxoid  
using monoglyceride/fatty acid lipid suspensions as  
adjuvants.

**Schroder U.**; Svenson S B

Department of Veterinary Bacteriology, Swedish University  
of Agricultural Sciences, Uppsala.. ulf.schroder@bmc.uu.se  
VACCINE, (1999 Apr 9) 17 (15-16) 2096-103.

Journal code: X60; 8406899. ISSN: 0264-410X.

ENGLAND: United Kingdom

Journal; Article; (JOURNAL ARTICLE)

English

Priority Journals

199907

Entered STN: 19990715

Last Updated on STN: 19990715

Entered Medline: 19990708

L10 ANSWER 3 OF 3

ACCESSION NUMBER:

THE GENUINE ARTICLE:

TITLE:

AUTHOR:

CORPORATE SOURCE:

COUNTRY OF AUTHOR:

SOURCE:

SCISEARCH COPYRIGHT 2002 ISI (R)

1999:282267 SCISEARCH

182XC

Nasal and parenteral immunizations with diphtheria toxoid  
using monoglyceride/fatty acid lipid suspensions as  
adjuvants

**Schroder U (Reprint)**; Svenson S B

SWEDISH UNIV AGR SCI, DEPT VET BACTERIOL, POB 583, S-75123  
UPPSALA, SWEDEN (Reprint)

SWEDEN

VACCINE, (9 APR 1999) Vol. 17, No. 15-16, pp. 2096-2103.

Publisher: ELSEVIER SCI LTD, THE BOULEVARD, LANGFORD LANE,  
KIDLINGTON, OXFORD OX5 1GB, OXON, ENGLAND.

ISSN: 0264-410X.

Article; Journal

LIFE; AGRI

English

22

DOCUMENT TYPE:

FILE SEGMENT:

LANGUAGE:

REFERENCE COUNT:

\*ABSTRACT IS AVAILABLE IN THE ALL AND IAL

ANSWER 1 OF 27  
ACCESSION NUMBER:  
TITLE:  
INVENTOR(S):

USPATFULL

2002:16906 USPATFULL  
Novel nucleic acids and polypeptides  
Tang, Y. Tom, San Jose, CA, UNITED STATES  
Zhou, Ping, Cupertino, CA, UNITED STATES  
Goodrich, Ryle, San Jose, CA, UNITED STATES  
Liu, Chenghua, San Jose, CA, UNITED STATES  
Asundi, Vinod, Foster City, CA, UNITED STATES  
Xue, Aidong J., Sunnyvale, CA, UNITED STATES  
Zhang, Jie, Campbell, CA, UNITED STATES  
Zhao, Qing A., San Jose, CA, UNITED STATES  
Ren, Feiyan, Cupertino, CA, UNITED STATES  
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES

PATENT INFORMATION:  
APPLICATION INFO.:  
RELATED APPLN. INFO.:

DOCUMENT TYPE:  
FILE SEGMENT:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:  
EXEMPLARY CLAIM:  
LINE COUNT:

NUMBER	KIND	DATE
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US 2002009786	A1	20020124
US 2000-728628	A1	20001201 (9)

Continuation-in-part of Ser. No. US 2000-552929, filed  
on 18 Apr 2000, UNKNOWN  
Utility

APPLICATION

Ivor R. Elrifi, Mintz, Levin, Cohn, Ferris, Glovsky and  
Popeo, P.C, One Financial Center, Boston, MA, 02111  
28  
1  
5748

=> d ibib 14 1-27

L4 ANSWER 1 OF 27  
ACCESSION NUMBER:  
TITLE:  
INVENTOR(S):

USPATFULL

2002:16906 USPATFULL  
Novel nucleic acids and polypeptides  
Tang, Y. Tom, San Jose, CA, UNITED STATES  
Zhou, Ping, Cupertino, CA, UNITED STATES  
Goodrich, Ryle, San Jose, CA, UNITED STATES  
Liu, Chenghua, San Jose, CA, UNITED STATES  
Asundi, Vinod, Foster City, CA, UNITED STATES  
Xue, Aidong J., Sunnyvale, CA, UNITED STATES  
Zhang, Jie, Campbell, CA, UNITED STATES  
Zhao, Qing A., San Jose, CA, UNITED STATES  
Ren, Feiyan, Cupertino, CA, UNITED STATES  
Drmanac, Radoje T., Palo Alto, CA, UNITED STATES

NUMBER	KIND	DATE
--------	------	------

US 2002009786	A1	20020124
US 2000-728628	A1	20001201 (9)

Continuation-in-part of Ser. No. US 2000-552929, filed  
on 18 Apr 2000, UNKNOWN  
Utility

APPLICATION

Ivor R. Elrifi, Mintz, Levin, Cohn, Ferris, Glovsky and  
Popeo, P.C, One Financial Center, Boston, MA, 02111  
28  
1  
5748

PATENT INFORMATION:  
APPLICATION INFO.:  
RELATED APPLN. INFO.:

DOCUMENT TYPE:  
FILE SEGMENT:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:  
EXEMPLARY CLAIM:  
LINE COUNT:

L4 ANSWER 2 OF 27  
ACCESSION NUMBER:  
TITLE:  
INVENTOR(S):

USPATFULL

2002:9923 USPATFULL  
Interleukin-1 Hy2 materials and methods  
Ballinger, Dennis G., Menlo Park, CA, United States  
Pace, Ann M., Scots Valley, CA, United States

## PATENT ASSIGNEE(S):

Hycey Inc., Sunnydale, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6339141	B1	20020115
APPLICATION INFO.:	US 1999-316081		19990520 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Stucker, Jeffrey		
ASSISTANT EXAMINER:	Seharaseyon, Jegatheesan		
LEGAL REPRESENTATIVE:	Marshall, Gerstein, & Borun		
NUMBER OF CLAIMS:	4		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	4019		

L4 ANSWER 3 OF 27 USPATFULL

ACCESSION NUMBER:

2002:5759 USPATFULL

TITLE:

Interleukin-1 receptor antagonist and recombinant production thereof

INVENTOR(S):

Ford, John, San Mateo, CA, United States

Pace, Ann, Scotts Valley, CA, United States

PATENT ASSIGNEE(S):

Hyseq, Inc., Sunnyvale, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6337072	B1	20020108
APPLICATION INFO.:	US 1999-348942		19990707 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1999-287210, filed on 5 Apr 1999, now abandoned		
	Continuation-in-part of Ser. No. US 1999-251370, filed on 17 Feb 1999, now abandoned		
	Continuation-in-part of Ser. No. US 1999-229591, filed on 13 Jan 1999, now abandoned		
	Continuation-in-part of Ser. No. US 1998-127698, filed on 31 Jul 1998, now abandoned		
	Continuation of Ser. No. US 1998-99818, filed on 19 Jun 1998, now abandoned		
	Continuation of Ser. No. US 1998-82364, filed on 20 May 1998, now abandoned		
	Continuation-in-part of Ser. No. US 1998-79909, filed on 15 May 1998, now abandoned		
	Continuation-in-part of Ser. No. US 1998-55010, filed on 3 Apr 1998, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	WO 1999-US4291	19990405
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Spector, Lorraine	
LEGAL REPRESENTATIVE:	Marshall, O'Toole, Gerstein, Murray & Borun	
NUMBER OF CLAIMS:	37	
EXEMPLARY CLAIM:	1,15	
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 4 Drawing Page(s)	
LINE COUNT:	5025	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 27 USPATFULL

ACCESSION NUMBER:

2002:925 USPATFULL

TITLE:

Use of bacterial phage associated lysing enzymes for treating bacterial infections of the mouth and teeth

INVENTOR(S):

Fischetti, Vincent, 448 Joan Ct., West Hempstead, NY, United States 11552

Loomis, Lawrence, 11374 Buckelberry Path, Columbia, MD,

PATENT INFORMATION:  
APPLICATION INFO.:  
RELATED APPLN. INFO.:

NUMBER	KIND	DATE
US 6335012	B1	20020101
US 2000-671992	20000928	(9)
Continuation-in-part of Ser. No. US 2000-497495, filed on 18 Apr 2000, now patented, Pat. No. US 6238661		
Continuation of Ser. No. US 1999-395636, filed on 14 Sep 1999, now patented, Pat. No. US 6056954		
Continuation-in-part of Ser. No. US 1997-962523, filed on 31 Oct 1997, now patented, Pat. No. US 5997862		
Utility		
GRANTED		
Bawa, Raj		
8		
1		
1 Drawing Figure(s); 1 Drawing Page(s)		
874		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DOCUMENT TYPE:

FILE SEGMENT:

PRIMARY EXAMINER:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 27 USPATFULL

ACCESSION NUMBER:

TITLE:

2001:220694 USPATFULL  
Use of bacterial phage associated lysing enzymes for treating streptococcal infections of the upper respiratory tract  
Fischetti, Vincent, West Hempstead, NY, United States  
Loomis, Lawrence, Columbia, MD, United States  
New Horizons Diagnostics Corporation, Columbia, MD, United States (U.S. corporation)

INVENTOR(S):

PATENT ASSIGNEE(S):

PATENT INFORMATION:  
APPLICATION INFO.:  
RELATED APPLN. INFO.:

NUMBER	KIND	DATE
US 6326002	B1	20011204
US 2000-671990	20000928	(9)
Continuation-in-part of Ser. No. US 2000-497495, filed on 18 Apr 2000 Continuation of Ser. No. US 1999-395636, filed on 14 Sep 1999, now patented, Pat. No. US 6056954		
Continuation-in-part of Ser. No. US 1997-962523, filed on 31 Oct 1997, now patented, Pat. No. US 5997862		
Utility		
GRANTED		
Bawa, Raj		
Jonathan E. Grant Grant Patent Services		
14		
1		
1 Drawing Figure(s); 1 Drawing Page(s)		
889		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

DOCUMENT TYPE:

FILE SEGMENT:

PRIMARY EXAMINER:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 27 USPATFULL

ACCESSION NUMBER:

TITLE:

2001:173149 USPATFULL  
Adjuvant formulation comprising a submicron oil droplet emulsion  
Van Nest, Gary, El Sobrante, CA, United States  
Ott, Gary, Livermore, CA, United States  
Barchfeld, Gail, Alameda, CA, United States  
Chiron Corporation, Emeryville, CA, United States (U.S. corporation)

INVENTOR(S):

PATENT ASSIGNEE(S):

PATENT INFORMATION:  
APPLICATION INFO.:

NUMBER	KIND	DATE
US 6299884	B1	20011009
US 1995-418870	19950407	(8)

RELATED APPLN. INFO.:

DOCUMENT TYPE:

FILE SEGMENT:

PRIMARY EXAMINER:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Continuation of Ser. No. US 1994-215007, filed on 21 Mar 1994, now abandoned Continuation of Ser. No. US 1993-41519, filed on 1 Apr 1993, now abandoned Continuation of Ser. No. US 1992-885905, filed on 18 May 1992, now abandoned Continuation of Ser. No. US 1990-528593, filed on 24 May 1990, now abandoned Continuation of Ser. No. US 1989-357035, filed on 25 May 1989, now abandoned  
Utility  
GRANTED  
Wortman, Donna C.  
Harbin, Alisa A., Robins, Roberta L., Blackburn, Robert P.

14

1

1613

L4 ANSWER 7 OF 27 USPATFULL

ACCESSION NUMBER:

TITLE:

INVENTOR(S):

PATENT ASSIGNEE(S):

2001:163320 USPATFULL  
Anti-interleukin-1 receptor antagonist antibodies and uses thereof  
Ford, John, San Mateo, CA, United States  
Pace, Ann, Scotts Valley, CA, United States  
Hyseq, Inc., Sunnyvale, CA, United States (U.S. corporation)

PATENT INFORMATION:

APPLICATION INFO.:

RELATED APPLN. INFO.:

NUMBER

KIND

DATE

US 6294655 B1 20010925  
US 1999-417455 19991013 (9)  
Continuation-in-part of Ser. No. US 1999-348942, filed on 7 Jul 1999 Continuation of Ser. No. US 1999-287210, filed on 5 Apr 1999, now abandoned Continuation-in-part of Ser. No. US 1999-251370, filed on 17 Feb 1999, now abandoned Continuation-in-part of Ser. No. US 1998-127698, filed on 31 Jul 1998, now abandoned Continuation-in-part of Ser. No. US 1999-229591, filed on 13 Jan 1999, now abandoned Continuation of Ser. No. US 1998-99818, filed on 19 Jun 1998, now abandoned, said Ser. No. US 127698 Continuation-in-part of Ser. No. US 1998-82364, filed on 20 May 1998, now abandoned, said Ser. No. US 99818 Continuation-in-part of Ser. No. US 1998-82364, filed on 20 May 1998, now abandoned Continuation-in-part of Ser. No. US 1998-79909, filed on 15 May 1998, now abandoned Continuation-in-part of Ser. No. US 1998-55010, filed on 3 Apr 1998, now abandoned

Utility

GRANTED

Spector, Lorraine

Marshall, O'Toole Gerstein, Murray & Borun

14

1

15 Drawing Figure(s); 14 Drawing Page(s)  
4656

DOCUMENT TYPE:

FILE SEGMENT:

PRIMARY EXAMINER:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

NUMBER OF DRAWINGS:

LINE COUNT:

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 27 USPATFULL

ACCESSION NUMBER:

TITLE:

INVENTOR(S):

2001:136207 USPATFULL  
Composition incorporating bacterial phage associated lysing enzymes for treating dermatological infections  
Fischetti, Vincent, West Hempstead, NY, United States  
Loomis, Lawrence, Columbia, MD, United States

## PATENT ASSIGNEE(S):

New Horizon Diagnostics Corporation, Columbia, MD,  
United States (U.S. corporation)

PATENT INFORMATION:  
APPLICATION INFO.:  
RELATED APPLN. INFO.:

NUMBER	KIND	DATE
US 6277399	B1	20010821
US 2000-671882		20000928 (9)

Continuation-in-part of Ser. No. US 2000-497495, filed  
on 18 Apr 2000 Continuation of Ser. No. US 1999-395636,  
filed on 14 Sep 1999, now patented, Pat. No. US 6056954  
Continuation-in-part of Ser. No. US 1997-962523, filed  
on 31 Oct 1997, now patented, Pat. No. US 5997862

DOCUMENT TYPE:  
FILE SEGMENT:  
PRIMARY EXAMINER:  
LEGAL REPRESENTATIVE:  
NUMBER OF CLAIMS:  
EXEMPLARY CLAIM:  
NUMBER OF DRAWINGS:  
LINE COUNT:

Utility  
GRANTED  
Bawa, Raj  
Grant, JonathanGrant Patent Services  
5  
1  
1 Drawing Figure(s); 1 Drawing Page(s)  
868

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 27 USPATFULL

ACCESSION NUMBER:

2001:102851 USPATFULL

TITLE:

Product and method reduce stress induced immune  
suppression

INVENTOR(S):

DeMichele, Stephen J., Dublin, OH, United States  
McEwen, John W., Gahanna, OH, United States  
Wood, Steven M., Pickerington, OH, United States  
Abbott Laboratories, Abbott Park, IL, United States  
(U.S. corporation)

PATENT ASSIGNEE(S):

PATENT INFORMATION:  
APPLICATION INFO.:  
RELATED APPLN. INFO.:

NUMBER	KIND	DATE
US 6255341	B1	20010703
US 1999-267557		19990312 (9)

Continuation-in-part of Ser. No. US 1998-28987, filed  
on 25 Feb 1998, now patented, Pat. No. US 6130244

DOCUMENT TYPE:  
FILE SEGMENT:  
PRIMARY EXAMINER:  
LEGAL REPRESENTATIVE:  
NUMBER OF CLAIMS:  
EXEMPLARY CLAIM:  
NUMBER OF DRAWINGS:  
LINE COUNT:

Utility  
GRANTED  
Pak, John  
Dixon, J. Michael  
26  
1  
7 Drawing Figure(s); 7 Drawing Page(s)  
1978

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 27 USPATFULL

ACCESSION NUMBER:

2001:102377 USPATFULL

TITLE:

Use of phage associated lytic enzymes for treating  
bacterial infections of the digestive tract  
Fischetti, Vincent, West Hempstead, NY, United States  
Loomis, Lawrence, Columbia, MD, United States  
New Horizons Diagnostics Corporation, Columbia, MD,  
United States (U.S. corporation)

INVENTOR(S):

PATENT ASSIGNEE(S):

PATENT INFORMATION:  
APPLICATION INFO.:  
RELATED APPLN. INFO.:

NUMBER	KIND	DATE
US 6254866	B1	20010703
US 2000-653690		20000901 (9)

Continuation-in-part of Ser. No. US 2000-497495, filed  
on 18 Apr 2000, now patented, Pat. No. US 6238661  
Continuation of Ser. No. US 1999-395636, filed on 14

Sep 1999, now patented, Pat. No. US 6056954  
 Continuation-in-part of Ser. No. US 1997-962523, filed  
 on 31 Oct 1997, now patented, Pat. No. US 5997862

DOCUMENT TYPE: Utility  
 FILE SEGMENT: GRANTED  
 PRIMARY EXAMINER: Bawa, Raj  
 LEGAL REPRESENTATIVE: Grant, JonathanGrant Patent Services  
 NUMBER OF CLAIMS: 3  
 EXEMPLARY CLAIM: 1  
 LINE COUNT: 800  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 27 USPATFULL  
 ACCESSION NUMBER: 2001:93093 USPATFULL  
 TITLE: Bacterial phage associated lysing enzymes for treating  
 dermatological infections  
 INVENTOR(S): Fischetti, Vincent, 448 Joan Ct., West Hempstead, NY,  
 United States 11552  
 Loomis, Lawrence, 11374 Buckelberry Path, Columbia, MD,  
 United States 21044

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6248324	B1	20010619
APPLICATION INFO.:	US 2000-671879		20000928 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2000-395636, filed on 14 Sep 2000, now patented, Pat. No. US 6056954 Continuation-in-part of Ser. No. US 2000-497495, filed on 18 Apr 2000 Continuation-in-part of Ser. No. US 1997-962523, filed on 31 Oct 1997, now patented, Pat. No. US 5997862 Utility GRANTED Bawa, Raj Grant, Jonathan E. Grant Patent Services 12 1 1 Drawing Figure(s); 1 Drawing Page(s) 904		

DOCUMENT TYPE: Utility  
 FILE SEGMENT: GRANTED  
 PRIMARY EXAMINER: Bawa, Raj  
 LEGAL REPRESENTATIVE: Grant, Jonathan E. Grant Patent Services  
 NUMBER OF CLAIMS: 12  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 1  
 LINE COUNT: 904  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 27 USPATFULL  
 ACCESSION NUMBER: 2001:78688 USPATFULL  
 TITLE: Use of bacterial phage associated lysing enzymes for  
 treating various illnesses  
 INVENTOR(S): Fischetti, Vincent, West Hempstead, NY, United States  
 Loomis, Lawrence, Columbia, MD, United States  
 PATENT ASSIGNEE(S): New Horizons Diagnostics Corp., Columbia, MD, United  
 States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6238661	B1	20010529
APPLICATION INFO.:	US 2000-497495		20000418 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-395636, filed on 14 Sep 1999, now patented, Pat. No. US 6056954, issued on 2 May 2000 Continuation-in-part of Ser. No. US 1997-962523, filed on 31 Oct 1997, now patented, Pat. No. US 5997862, issued on 7 Dec 1999 Utility Granted Bawa, Raj Grant, JonathanGrant Patent Services 53		

DOCUMENT TYPE: Utility  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Bawa, Raj  
 LEGAL REPRESENTATIVE: Grant, JonathanGrant Patent Services  
 NUMBER OF CLAIMS: 53

EXEMPLARY CLAIM: 1  
LINE COUNT: 901  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 27 USPATFULL  
ACCESSION NUMBER: 2001:52096 USPATFULL  
TITLE: 2-aminopropane-1,3-diol compounds, medicinal use thereof, and intermediates in synthesizing the same  
INVENTOR(S): Adachi, Kunitomo, Fukuoka, Japan  
Aoki, Yoshiyuki, Hirakata, Japan  
Hanano, Tokushi, Fukuoka, Japan  
Teshima, Koji, Iruma, Japan  
Hoshino, Yukio, Iruma, Japan  
Fujita, Tetsuro, Muko, Japan  
PATENT ASSIGNEE(S): Welfide Corporation, Osaka, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6214873	B1	20010410
APPLICATION INFO.:	WO 9845249		19981015
	US 2000-402375		20000105 (9)
	WO 1998-JP1571		19980403
			20000105 PCT 371 date
			20000105 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1997-86255	19970404
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Barts, Samuel	
LEGAL REPRESENTATIVE:	Evenson, McKeown, Edwards & Lenahan, P.L.L.C.	
NUMBER OF CLAIMS:	51	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 1 Drawing Page(s)	
LINE COUNT:	2889	

L4 ANSWER 14 OF 27 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:573683 CAPLUS  
DOCUMENT NUMBER: 133:182924  
TITLE: Vaccine composition  
INVENTOR(S): Schroder, Ulf; Svenson, Stefan  
PATENT ASSIGNEE(S): Pharmatrix AB, Swed.  
SOURCE: PCT Int. Appl., 15 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000047225	A2	20000817	WO 2000-EP1046	20000209
WO 2000047225	A3	20001214		
W: AU, CA, JP, NZ, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1154792	A2	20011121	EP 2000-906305	20000209
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRIORITY APPLN. INFO.:				
		SE 1999-495	A	19990212
		WO 2000-EP1046	W	20000209

L4 ANSWER 15 OF 27 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:573682 CAPLUS  
DOCUMENT NUMBER: 133:182986  
TITLE: Vaccine formulation  
INVENTOR(S): Schroder, Ulf; Svenson, Stefan  
PATENT ASSIGNEE(S): Pharmatrix AB, Swed.  
SOURCE: PCT Int. Appl., 15 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000047224	A2	20000817		
WO 2000047224	A3	20001214	WO 2000-EP1038	20000209
W: AU, CA, JP, NZ, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1150713	A2	20011107	EP 2000-903678	20000209
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRIORITY APPLN. INFO.:			SE 1999-496	A 19990212
OTHER SOURCE(S):			WO 2000-EP1038	W 20000209
			MARPAT 133:182986	

L4 ANSWER 16 OF 27 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:493356 CAPLUS  
DOCUMENT NUMBER: 133:125288  
TITLE: Lipophilic microparticles containing a protein drug or antigen and formulation comprising same for controlled release  
INVENTOR(S): Kim, Myung Jin; Kim, Sun Jin; Kwon, Kyu Chan; Kim, Joon  
PATENT ASSIGNEE(S): LG Chemical Limited, S. Korea  
SOURCE: PCT Int. Appl., 49 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000041682	A1	20000720	WO 2000-KR25	20000114
W: AU, BG, BR, CA, CN, HU, ID, IL, IN, JP, MX, NZ, PL, SG, TR, US, ZA				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
KR 2000051004	A	20000816	KR 1999-1232	19990118
BR 2000004152	A	20001121	BR 2000-4152	20000114
EP 1071407	A1	20010131	EP 2000-900954	20000114
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
PRIORITY APPLN. INFO.:			KR 1999-1232	A 19990118
			KR 1999-59776	A 19991221
REFERENCE COUNT: 4			WO 2000-KR25	W 20000114
			THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT	

L4 ANSWER 17 OF 27 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:433344 CAPLUS  
DOCUMENT NUMBER: 133:79341  
TITLE: Immunostimulating and vaccine compositions employing

INVENTOR(S): saponin analog adjuvants and uses thereof  
 PATENT ASSIGNEE(S): Marciani, Dante J.  
 SOURCE: Galenica Pharmaceuticals, Inc., USA  
 U.S., 40 pp., Cont.-in-part of U.S. 5,977,081.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6080725	A	20000627	US 1999-290606	19990413
US 5977081	A	19991102	US 1998-81647	19980520
PRIORITY APPLN. INFO.:			US 1997-47129	P 19970520
			US 1998-80389	P 19980402
			US 1998-81647	A2 19980520

OTHER SOURCE(S): MARPAT 133:79341  
 REFERENCE COUNT: 46  
 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 27 USPATFULL  
 ACCESSION NUMBER: 2000:134911 USPATFULL  
 TITLE: Product and method to reduce stress induced immune suppression  
 INVENTOR(S): DeMichele, Stephen J., Dublin, OH, United States  
 Wood, Steven M., Pickerington, OH, United States  
 PATENT ASSIGNEE(S): Abbott Laboratories, Abbott Park, IL, United States  
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6130244		
APPLICATION INFO.:	US 1998-28987		20001010
DOCUMENT TYPE:	Utility		19980225 (9)
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Pak, John		
LEGAL REPRESENTATIVE:	Dixon, J. Michael		
NUMBER OF CLAIMS:	13		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	3 Drawing Figure(s); 3 Drawing Page(s)		
LINE COUNT:	1549		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 19 OF 27 USPATFULL  
 ACCESSION NUMBER: 2000:53738 USPATFULL  
 TITLE: Use of bacterial phage associated lysing enzymes for the prophylactic and therapeutic treatment of various illnesses  
 INVENTOR(S): Fischetti, Vincent A., West Hempstead, NY, United States  
 Loomis, Lawrence, Columbia, MD, United States  
 PATENT ASSIGNEE(S): New Horizons Diagnostics Corp, Columbia, MD, United States  
 States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6056954		
APPLICATION INFO.:	US 1999-395636		20000502
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1997-962523, filed on 31 Oct 1997		19990914 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Bawa, Raj		

LEGAL REPRESENTATIVE: Grant, Jonathan G.  
NUMBER OF CLAIMS: 23  
EXEMPLARY CLAIM: 1  
LINE COUNT: 837  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 20 OF 27 USPATFULL  
ACCESSION NUMBER: 1998:6804 USPATFULL  
TITLE: Vaccine compositions containing liposomes  
INVENTOR(S): Barchfeld, Gail L., Hayward, CA, United States  
Ott, Gary, Oakland, CA, United States  
Van Nest, Gary A., El Sobrante, CA, United States  
PATENT ASSIGNEE(S): Chiron Corporation, Emeryville, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5709879		19980120
APPLICATION INFO.:	US 1995-469444		19950606 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-308622, filed on 19 Sep 1994, now abandoned which is a continuation of Ser. No. US 1993-154160, filed on 18 Nov 1993, now abandoned which is a continuation of Ser. No. US 1991-722862, filed on 28 Jun 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-546585, filed on 29 Jun 1990, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kishore, Gollamudi S.		
LEGAL REPRESENTATIVE:	Robins, Roberta L., McClung, Barbara G., Blackburn, Robert P.		
NUMBER OF CLAIMS:	37		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	1961		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L4 ANSWER 21 OF 27 USPATFULL  
ACCESSION NUMBER: 97:73301 USPATFULL  
TITLE: Antimicrobial compositions with hinokitiol and citronellic acid  
INVENTOR(S): Yamaguchi, Yuzo, Kanagawa, Japan  
PATENT ASSIGNEE(S): Takasago International Corporation, Tokyo, Japan (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5658584		19970819
APPLICATION INFO.:	US 1995-513181		19950809 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1994-216686	19940819
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Webman, Edward J.	
LEGAL REPRESENTATIVE:	Sughrue, Mion, Zinn, Macpeak & Seas	
NUMBER OF CLAIMS:	6	
EXEMPLARY CLAIM:	1	
LINE COUNT:	519	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 22 OF 27 USPATFULL  
ACCESSION NUMBER: 84:33030 USPATFULL

TITLE: Therapeutic agents  
INVENTOR(S): Fukushi, Kazue, Hirosaki, Japan  
PATENT ASSIGNEE(S): Mitsubishi Chemical Industries Limited, Tokyo, Japan  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4454119		
APPLICATION INFO.:	US 1981-278712		19840612
DOCUMENT TYPE:	Utility		19810629 (6)
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Friedman, Stanley J.		
ASSISTANT EXAMINER:	Rollins, John W.		
LEGAL REPRESENTATIVE:	Oblon, Fisher, Spivak, McClelland & Maier		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
LINE COUNT:	278		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 23 OF 27 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1  
ACCESSION NUMBER: 1983:85881 CAPLUS  
DOCUMENT NUMBER: 98:85881  
TITLE: Comparative study of the lipid composition of  
particular pathogenic and nonpathogenic species of  
Mycobacterium  
AUTHOR(S): Nandedkar, Arvind K. N.  
CORPORATE SOURCE: Coll. Med., Howard Univ., Washington, DC, 20059, USA  
SOURCE: J. Natl. Med. Assoc. (1983), 75(1), 69-74  
CODEN: JNMAAE; ISSN: 0027-9684  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L4 ANSWER 24 OF 27 USPATFULL  
ACCESSION NUMBER: 76:20099 USPATFULL  
TITLE: Laundry pre-soak compositions  
INVENTOR(S): Stewart, Robert Lee, Cincinnati, OH, United States  
McCune, Homer Wallace, Cincinnati, OH, United States  
PATENT ASSIGNEE(S): Diehl, Francis Louvaine, Wyoming, OH, United States  
The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 3950277		
APPLICATION INFO.:	US 1973-382415		19760413
DOCUMENT TYPE:	Utility		19730725 (5)
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Gynn, Herbert B.		
LEGAL REPRESENTATIVE:	Wilson, Charles R., Witte, Richard C., O'Flaherty, Thomas H.		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
LINE COUNT:	443		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 25 OF 27 USPATFULL  
ACCESSION NUMBER: 74:56577 USPATFULL  
TITLE: PHARMACEUTICAL COMPOSITIONS CONTAINING ORGANOMETALLIC  
DERIVATIVES OF 6-LOWER ALKOXY-1-PHENAZINE 5,10-DIOXIDE  
INVENTOR(S): Leimgruber, Willy, Montclair, NJ, United States  
Maestrone, Gian Paolo, Staten Island, NY, United States  
Mitrovic, Milan, Nutley, NJ, United States  
PATENT ASSIGNEE(S): Weigle, Manfred, North Caldwell, NJ, United States  
Hoffman-La Roche Inc., Nutley, NJ, United States (U.S.)

corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 3852442		19741203
APPLICATION INFO.:	US 1971-139291		19710423 (5)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1969-814429, filed on 8 Apr 1969, now patented, Pat. No. US 3586674 which is a continuation-in-part of Ser. No. US 1968-739191, filed on 24 Jun 1968, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Turner, Vincent D.		
LEGAL REPRESENTATIVE:	Welt, Samuel L., Saxe, Jon S., Farley, William M.		
NUMBER OF CLAIMS:	32		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1098		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L4 ANSWER 26 OF 27 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER:	1957:39848	CAPLUS
DOCUMENT NUMBER:	51:39848	
ORIGINAL REFERENCE NO.:	51:7498f-i	
TITLE:	Constituents of a toxic lipide obtained from <b>Mycobacterium tuberculosis</b>	
AUTHOR(S):	Bloch, H.; Defaye, J.; Lederer, E.; Noll, H.	
CORPORATE SOURCE:	Public Health Research Inst. City of New York, New York, NY	
SOURCE:	Biochim. et Biophys. Acta (1957), 23, 312-21	
DOCUMENT TYPE:	Journal	
LANGUAGE:	English	

L4 ANSWER 27 OF 27 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER:	1957:43860	CAPLUS
DOCUMENT NUMBER:	51:43860	
ORIGINAL REFERENCE NO.:	51:8206i,8207a	
TITLE:	Chemistry of some native constituents of the purified wax of <b>Mycobacterium tuberculosis</b>	
AUTHOR(S):	Noll, Hans	
CORPORATE SOURCE:	Univ. of Pittsburgh, Pittsburgh, PA	
SOURCE:	J. Biol. Chem. (1957), 224, 149-64	
DOCUMENT TYPE:	Journal	
LANGUAGE:	Unavailable	

=>

L20 ANSWER 1 OF 53 USPATFULL

ACCESSION NUMBER:

2002:22131 USPATFULL

TITLE:

18 Human secreted proteins

INVENTOR(S):

Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
Young, Paul E., Gaithersburg, MD, UNITED STATES  
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES  
Soppet, Daniel R., Centreville, VA, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES

PATENT INFORMATION:

APPLICATION INFO.:

RELATED APPLN. INFO.:

NUMBER	KIND	DATE
US 2002012966	A1	20020131
US 2001-768826	A1	20010125 (9)
Continuation-in-part of Ser. No. WO 2000-US22350, filed on 15 Aug 2000, UNKNOWN		

PRIORITY INFORMATION:

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

LINE COUNT:

NUMBER	DATE
US 1999-148759	19990816 (60)
Utility	
APPLICATION	
HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
23	
1	
18157	

L20 ANSWER 2 OF 53 USPATFULL

ACCESSION NUMBER:

2002:12261 USPATFULL

TITLE:

Uteroglobin-like polynucleotides, polypeptides, and antibodies

INVENTOR(S):

Ni, Jian, Germantown, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES

PATENT INFORMATION:

APPLICATION INFO.:

RELATED APPLN. INFO.:

NUMBER	KIND	DATE
US 2002006640	A1	20020117
US 2001-846258	A1	20010502 (9)
Continuation-in-part of Ser. No. WO 2000-US30326, filed on 3 Nov 2000, UNKNOWN		

PRIORITY INFORMATION:

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

LINE COUNT:

NUMBER	DATE
US 1999-163395	19991104 (60)
Utility	
APPLICATION	
HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
22	
1	
12076	

L20 ANSWER 3 OF 53 USPATFULL

ACCESSION NUMBER:

2002:8489 USPATFULL

TITLE:

Retinoid receptor interacting polynucleotides, polypeptides, and antibodies

INVENTOR(S):

Shi, Yanggu, Gaithersburg, MD, UNITED STATES  
Ruben, Steven M., Olney, MD, UNITED STATES

PATENT INFORMATION:

APPLICATION INFO.:

RELATED APPLN. INFO.:

NUMBER	KIND	DATE
US 2002004489	A1	20020110
US 2001-788600	A1	20010221 (9)
Continuation-in-part of Ser. No. WO 2000-US22351, filed		

on 15 Aug 2000, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-148757	19990816 (60)
DOCUMENT TYPE:	US 2000-189026	20000314 (60)
FILE SEGMENT:	Utility	
LEGAL REPRESENTATIVE:	APPLICATION	
	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,	
	ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
LINE COUNT:	11257	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 4 OF 53 USPATFULL  
ACCESSION NUMBER: 2002:19060 USPATFULL  
TITLE: Antibody conjugate compositions for selectively inhibiting VEGF  
INVENTOR(S): Thorpe, Philip E., Dallas, TX, United States  
Brekken, Rolf A., Seattle, WA, United States  
PATENT ASSIGNEE(S): Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6342221	B1	20020129
APPLICATION INFO.:	US 2000-561108		20000428 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-131432	19990428 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Chan, Christina Y.	
ASSISTANT EXAMINER:	Huynh, Phuong N.	
LEGAL REPRESENTATIVE:	Williams, Morgan and Amerson	
NUMBER OF CLAIMS:	68	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 4 Drawing Page(s)	
LINE COUNT:	10492	

L20 ANSWER 5 OF 53 USPATFULL  
ACCESSION NUMBER: 2002:19058 USPATFULL  
TITLE: Antibody compositions for selectively inhibiting VEGF  
INVENTOR(S): Thorpe, Philip E., Dallas, TX, United States  
Brekken, Rolf A., Seattle, WA, United States  
PATENT ASSIGNEE(S): Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6342219	B1	20020129
APPLICATION INFO.:	US 2000-561500		20000428 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-131432	19990428 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Chan, Christina Y.	
ASSISTANT EXAMINER:	Huynh, Phuong N.	
LEGAL REPRESENTATIVE:	Williams, Morgan and Amerson	
NUMBER OF CLAIMS:	50	

EXEMPLARY CLAIM: 20  
NUMBER OF DRAWINGS: 7 Drawing Figure(s); 4 Drawing Page(s)  
LINE COUNT: 10403

L20 ANSWER 6 OF 53 USPATFULL

ACCESSION NUMBER: 2002:1087 USPATFULL

TITLE: Mycobacterial proteins, microorganisms producing them and their use for vaccines and for the detection of tuberculosis

INVENTOR(S): Laqueyrierie, Anne, Paris, FRANCE  
Marchal, Gilles, Ivry sur Seine, FRANCE  
Pescher, Pascale, Paris, FRANCE  
Romain, Felix, Fontenay les Briis, FRANCE

PATENT ASSIGNEE(S): Institut Pasteur, Paris, FRANCE (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6335181	B1	20020101
APPLICATION INFO.:	US 2000-599366		20000621 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-132528, filed on 11 Aug 1998, now patented, Pat. No. US 6221353 Division of Ser. No. US 1996-641356, filed on 30 Apr 1996, now patented, Pat. No. US 5866130 Division of Ser. No. US 1995-382184, filed on 1 Feb 1995, now patented, Pat. No. US 5714593		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Graser, Jennifer E.		
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	34 Drawing Figure(s); 18 Drawing Page(s)		
LINE COUNT:	1397		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 7 OF 53 USPATFULL

ACCESSION NUMBER: 2001:231154 USPATFULL

TITLE: Antibiotics and methods of using the same

INVENTOR(S): Novak, Rodger, Memphis, TN, United States  
Tuomanen, Elaine I., Germantown, TN, United States  
St. Jude Children's Research Hospital, Memphis, TN, United States (U.S. corporation)

PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6331407	B1	20011218
APPLICATION INFO.:	US 1999-305984		19990505 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-84399	19980506 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Wortman, Donna	
ASSISTANT EXAMINER:	Zeman, Robert A.	
LEGAL REPRESENTATIVE:	Klauber & Jackson	
NUMBER OF CLAIMS:	8	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	26 Drawing Figure(s); 22 Drawing Page(s)	
LINE COUNT:	3919	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 8 OF 53 USPATFULL

ACCESSION NUMBER: 2001:231135 USPATFULL

TITLE:

INVENTOR(S):

PATENT ASSIGNEE(S):

Immune response enhancer  
Malkovsky, Miroslav, Madison, WI, United States  
Wells, Andrew D., Mt. Laurel, NJ, United States  
Wisconsin Alumni Research Foundation, Madison, WI,  
United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6331388	B1	20011218
APPLICATION INFO.:	US 1997-955565		19971017 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Saunders, David		
LEGAL REPRESENTATIVE:	Medlen & Carroll, LLP		
NUMBER OF CLAIMS:	14		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	92 Drawing Figure(s); 61 Drawing Page(s)		
LINE COUNT:	2526		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 9 OF 53 USPATFULL

ACCESSION NUMBER:

TITLE:

INVENTOR(S):

PATENT ASSIGNEE(S):

2001:208663 USPATFULL  
Nucleic acids encoding kappa opioid receptors  
Bell, Graeme I., Chicago, IL, United States  
Reisine, Terry, Philadelphia, PA, United States  
Yasuda, Kazuki, Machida, Japan  
Arch Development Corporation, Chicago, IL, United  
States (U.S. corporation)

PATENT INFORMATION:  
APPLICATION INFO.:  
RELATED APPLN. INFO.:

	NUMBER	KIND	DATE
US 6319686	B1	20011120	
US 1994-292694		19940819	(8)
Continuation of Ser. No. WO 1994-US5747, filed on 20			
May 1994 Continuation-in-part of Ser. No. US			
1993-147592, filed on 5 Nov 1993, now patented, Pat.			
No. US 6096513 Continuation-in-part of Ser. No. US			
1993-100694, filed on 30 Jul 1993, now abandoned			
Continuation-in-part of Ser. No. US 1993-66296, filed			
on 20 May 1993, now abandoned			
Utility			
GRANTED			
Kunz, Gary L.			
Landsman, Robert S.			
Fulbright & Jaworski LLP			
46			
1			
41 Drawing Figure(s); 27 Drawing Page(s)			
6012			

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 10 OF 53 USPATFULL

ACCESSION NUMBER:

TITLE:

INVENTOR(S):

PATENT ASSIGNEE(S):

2001:196603 USPATFULL  
Cancer treatment methods using therapeutic conjugates  
that bind to aminophospholipids  
Thorpe, Philip E., Dallas, TX, United States  
Ran, Sophia, Dallas, TX, United States  
Board of Regents, The University of Texas System,  
Austin, TX, United States (U.S. corporation)

PATENT INFORMATION:  
APPLICATION INFO.:

	NUMBER	KIND	DATE
US 6312694	B1	20011106	
US 1999-351457		19990712	(9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-92589	19980713 (60)
DOCUMENT TYPE:	US 1998-110600	19981202 (60)
FILE SEGMENT:	Utility	
PRIMARY EXAMINER:	GRANTED	
LEGAL REPRESENTATIVE:	Bansal, Geetha P.	
NUMBER OF CLAIMS:	Williams, Morgan & Amerson	
EXEMPLARY CLAIM:	50	
NUMBER OF DRAWINGS:	1,2,3,4	
LINE COUNT:	6 Drawing Figure(s); 3 Drawing Page(s)	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.	8243	

L20 ANSWER 11 OF 53 USPATFULL

ACCESSION NUMBER:

TITLE:

2001:190752 USPATFULL  
Therapeutic treatment and prevention of infections with a bioactive materials encapsulated within a biodegradable-biocompatible polymeric matrix  
Setterstrom, Jean A., Alpharetta, GA, United States  
Van Hamont, John E., Fort Meade, MD, United States  
Reid, Robert H., McComas, CT, United States  
Jacob, Elliot, Silver Spring, MD, United States  
Jeyanthi, Ramasubbu, Columbia, MD, United States  
Boedeker, Edgar C., Chevy Chase, MD, United States  
McQueen, Charles E., Olney, MD, United States  
Jarboe, Daniel L., Silver Spring, MD, United States  
Cassels, Frederick, Ellicott City, MD, United States  
Brown, William, Denver, CO, United States  
Thies, Curt, Ballwin, MO, United States  
Tice, Thomas R., Birmingham, AL, United States  
Roberts, F. Donald, Dover, MA, United States  
Friden, Phil, Bedford, MA, United States(4)  
The United States of America as represented by the Secretary of the Army, Washington, DC, United States (U.S. government)

INVENTOR(S):

PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6309669	B1	20011030
APPLICATION INFO.:	US 1997-789734		19970127 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1996-590973, filed on 24 Jan 1996, now abandoned Continuation-in-part of Ser. No. US 1995-446149, filed on 22 May 1995, now abandoned Continuation of Ser. No. US 1984-590308, filed on 6 Mar 1984, now abandoned And Ser. No. US 789734 Continuation-in-part of Ser. No. US 1995-446148, filed on 22 May 1995 Continuation-in-part of Ser. No. US 1992-867301, filed on 10 Apr 1992, now patented, Pat. No. US 5417986, issued on 23 May 1995 Continuation-in-part of Ser. No. US 1984-590308, filed on 16 Mar 1984, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Harrison, Robert H.		
LEGAL REPRESENTATIVE:	Nash, Caroline, Arwine, Elizabeth		
NUMBER OF CLAIMS:	25		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	87 Drawing Figure(s); 85 Drawing Page(s)		
LINE COUNT:	6182		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L20 ANSWER 12 OF 53 USPATFULL

ACCESSION NUMBER: 2001:185062 USPATFULL  
TITLE: Leptospiral major outer membrane protein LipL32  
INVENTOR(S): Haake, David A., Culver City, CA, United States  
PATENT ASSIGNEE(S): The University of California, Oakland, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6306623	B1	20011023
APPLICATION INFO.:	US 1998-28586		19980224 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Navarro, Mark		
LEGAL REPRESENTATIVE:	Gray Cary Ware Freidenrich, Haile, Lisa A.		
NUMBER OF CLAIMS:	16		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	1 Drawing Figure(s); 1 Drawing Page(s)		
LINE COUNT:	1502		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 13 OF 53 USPATFULL  
ACCESSION NUMBER: 2001:179121 USPATFULL  
TITLE: Methods for treating inflammation, inflammatory diseases, arthritis and stroke using pADPRT inhibitors  
INVENTOR(S): Kun, Ernestt, Mill Valley, CA, United States  
PATENT ASSIGNEE(S): Octamer, Inc., Mill Valley, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6303629	B1	20011016
APPLICATION INFO.:	US 1998-56396		19980406 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-855616, filed on 13 May 1997, now patented, Pat. No. US 5908861		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Travers, Russell		
ASSISTANT EXAMINER:	Wang, Shengjun		
LEGAL REPRESENTATIVE:	Halluin, Albert P., Kung, Viola T. Howrey Simon Arnold & White, LLP		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	21 Drawing Figure(s); 17 Drawing Page(s)		
LINE COUNT:	1410		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 14 OF 53 USPATFULL  
ACCESSION NUMBER: 2001:112500 USPATFULL  
TITLE: Leptospiral outer membranes protein, LipL46  
INVENTOR(S): Haake, David A., Culver City, CA, United States  
PATENT ASSIGNEE(S): The University of California, Oakland, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6262235	B1	20010717
APPLICATION INFO.:	US 1999-443681		19991118 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-122210, filed on 23 Jul 1998, now patented, Pat. No. US 6140083		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Stucker, Jeffrey		
LEGAL REPRESENTATIVE:	Gray Cary Ware & Freidenrich LLP, Haile, Lisa A.		
NUMBER OF CLAIMS:	7		

EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)  
LINE COUNT: 1578  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 15 OF 53 USPATFULL

ACCESSION NUMBER: 2001:107445 USPATFULL

TITLE: Immunogenic compositions against helicobacter  
infection, polypeptides for use in the compositions,  
and nucleic acid sequences encoding said polypeptides  
INVENTOR(S): Labigne, Agnes, Bures sur Yvette, France  
Suerbaum, Sebastian, Veitshochheim, Germany, Federal  
Republic of

Ferrero, Richard L., Paris, France  
Thiberge, Jean-Michel, Plaisir, France  
PATENT ASSIGNEE(S): Institut Pasteur, Paris, France (non-U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION:	US 6258359	B1	20010710
APPLICATION INFO.:	US 1995-466248		19950606 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-447177, filed on 19 May 1995, now abandoned Continuation-in-part of Ser. No. US 1995-432697, filed on 2 May 1995 Continuation-in-part of Ser. No. WO 1994-EP1625, filed on 19 May 1994		

NUMBER	DATE
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PRIORITY INFORMATION:	EP 1993-401309	19930519
	WO 1993-EP3259	19931119
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Navarro, Albert	
LEGAL REPRESENTATIVE:	Finnegan, Henderson, Farabow, Garrett and Dunner	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	51 Drawing Figure(s); 36 Drawing Page(s)	
LINE COUNT:	2821	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 16 OF 53 USPATFULL

ACCESSION NUMBER: 2001:59377 USPATFULL

TITLE: Antibodies Which Bind Mycobacterial Tuberculosis  
Proteins

INVENTOR(S): Laqueyrierie, Anne, Paris, France  
Marchal, Gilles, Ivry Sur Seine, France  
Pescher, Pascale, Paris, France

Romain, Felix, Fontenay les Briis, France  
PATENT ASSIGNEE(S): Institut Pastuer, Paris, France (non-U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION:	US 6221353	B1	20010424
APPLICATION INFO.:	US 1998-132528		19980811 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1996-641356, filed on 30 Apr 1996, now patented, Pat. No. US 5866130 Division of Ser. No. US 1995-382184, filed on 1 Feb 1995, now patented, Pat. No. US 5714593		

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Graser, Jennifer  
LEGAL REPRESENTATIVE: Oblon, Spivak, McClelland, Maier & Nuestadt, P.C.  
NUMBER OF CLAIMS: 4  
EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 34 Drawing Figure(s); 18 Drawing Page(s)  
LINE COUNT: 1165  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 17 OF 53 USPATFULL

ACCESSION NUMBER: 2001:26033 USPATFULL  
TITLE: Malarial pre-erythrocytic stage polypeptide molecules  
INVENTOR(S): Druilhe, Pierre, Paris, France  
Daubersies, Pierre, Paris, France  
PATENT ASSIGNEE(S): Institut Pasteur, Paris, France (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6191270	B1	20010220
	WO 9641877		19961227
APPLICATION INFO.:	US 1998-973462		19980206 (8)
	WO 1996-FR894		19960612
			19980206 PCT 371 date
			19980206 PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1995-7007	19950613
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Chin, Christopher L.	
ASSISTANT EXAMINER:	Grun, James L.	
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.	
NUMBER OF CLAIMS:	12	
EXEMPLARY CLAIM:	1,9	
NUMBER OF DRAWINGS:	33 Drawing Figure(s); 30 Drawing Page(s)	
LINE COUNT:	1036	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L20 ANSWER 18 OF 53 USPATFULL

ACCESSION NUMBER: 2001:10718 USPATFULL  
TITLE: Antigen carbohydrate compounds and their use in immunotherapy  
INVENTOR(S): McKenzie, Ian F. C., Victoria, Australia  
Apostolopoulos, Vasso, Victoria, Australia  
Pietersz, Geoff Allan, Victoria, Australia  
PATENT ASSIGNEE(S): Austin Research Institute, Victoria, Australia  
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6177256	B1	20010123
APPLICATION INFO.:	US 1998-223043		19981230 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1997-833807, filed on 9 Apr 1997, now patented, Pat. No. US 5989552 Continuation of Ser. No. US 1994-340711, filed on 16 Nov 1994, now abandoned		

	NUMBER	DATE
PRIORITY INFORMATION:	AU 1993-3223	19931226
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Park, Hankyel	
LEGAL REPRESENTATIVE:	Dann Dorfman Herrell and Skillman, P.C.	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	23 Drawing Figure(s); 10 Drawing Page(s)	
LINE COUNT:	1427	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 19 OF 53 USPATFULL

ACCESSION NUMBER: 2000:164081 USPATFULL

TITLE: Tissue factor methods and compositions for coagulation and tumor treatment

INVENTOR(S): Thorpe, Philip E., Dallas, TX, United States  
King, Steven W., Foothill Ranch, CA, United States  
Gao, Boning, Dallas, TX, United States

PATENT ASSIGNEE(S): Board Of Regents, The University of Texas System,  
Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6156321		20001205
APPLICATION INFO.:	US 1998-9822		19980120 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-42427	19970327 (60)
	US 1997-36205	19970127 (60)
	US 1997-35920	19970122 (60)

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Bansal, Geetha P.  
LEGAL REPRESENTATIVE: Williams, Morgan and Amerson  
NUMBER OF CLAIMS: 47  
EXEMPLARY CLAIM: 1,3  
NUMBER OF DRAWINGS: 25 Drawing Figure(s); 15 Drawing Page(s)  
LINE COUNT: 7500

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 20 OF 53 USPATFULL

ACCESSION NUMBER: 2000:146129 USPATFULL

TITLE: Leptospiral outer membrane protein, LipL46

INVENTOR(S): Haake, David A., Culver City, CA, United States

PATENT ASSIGNEE(S): The Regents of the University of California, Oakland,  
CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6140083		20001031
APPLICATION INFO.:	US 1998-122210		19980723 (9)

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Stucker, Jeffrey  
LEGAL REPRESENTATIVE: Gray Cary Ware & Freidenrich LLP, Haile, Lisa A.  
NUMBER OF CLAIMS: 14  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)  
LINE COUNT: 1775

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 21 OF 53 USPATFULL

ACCESSION NUMBER: 2000:145889 USPATFULL

TITLE: Peptide compositions for the treatment of HIV

INVENTOR(S): Rubinstein, Arye, Monsey-Wesley Hills, NY, United States  
Bloom, Barry R., Hastings on Hudson, NY, United States  
Devash, Yair, Princeton Junction, NJ, United States  
Cryz, Stanley J., Berne, Switzerland

PATENT ASSIGNEE(S): Albert Einstein College of Medicine of Yeshiva  
University, Bronx, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6139843		20001031
APPLICATION INFO.:	US 1997-946525		19971007 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-785696, filed on 17 Jan 1997, now abandoned which is a continuation of Ser. No. US 1996-655376, filed on 30 May 1996, now abandoned which is a continuation of Ser. No. US 1994-200744, filed on 23 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1992-837781, filed on 14 Feb 1992, now abandoned which is a continuation-in-part of Ser. No. US 1991-681624, filed on 2 Apr 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Stucker, Jeffrey		
ASSISTANT EXAMINER:	Nelson, Brett		
LEGAL REPRESENTATIVE:	Amster, Rothstein & Ebenstein		
NUMBER OF CLAIMS:	3		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	48 Drawing Figure(s); 25 Drawing Page(s)		
LINE COUNT:	4544		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 22 OF 53 USPATFULL  
 ACCESSION NUMBER: 2000:137820 USPATFULL  
 TITLE: Combined tissue factor and factor VIIa methods and compositions for coagulation and tumor treatment  
 INVENTOR(S): Thorpe, Philip E., Dallas, TX, United States  
 King, Steven W., Foothill Ranch, CA, United States  
 Gao, Boning, Dallas, TX, United States  
 PATENT ASSIGNEE(S): Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6132730		20001017
APPLICATION INFO.:	US 1998-9656		19980120 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-42427	19970327 (60)
	US 1997-36205	19970127 (60)
	US 1997-35920	19970122 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Bansal, Geetha P.	
LEGAL REPRESENTATIVE:	Williams, Morgan & Amerson	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1,3	
NUMBER OF DRAWINGS:	25 Drawing Figure(s); 15 Drawing Page(s)	
LINE COUNT:	7436	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 23 OF 53 USPATFULL  
 ACCESSION NUMBER: 2000:137819 USPATFULL  
 TITLE: Combined tissue factor and chemotherapeutic methods and compositions for coagulation and tumor treatment  
 INVENTOR(S): Thorpe, Philip E., Dallas, TX, United States  
 King, Steven W., Foothill Ranch, CA, United States  
 Gao, Boning, Dallas, TX, United States  
 PATENT ASSIGNEE(S): Board of Regents, The University of Texas System, Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6132729		20001017
APPLICATION INFO.:	US 1998-9217		19980120 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-42427	19970327 (60)
	US 1997-36205	19970127 (60)
	US 1997-35920	19970122 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Bansal, Geetha P.	
LEGAL REPRESENTATIVE:	Williams, Morgan & Amerson	
NUMBER OF CLAIMS:	46	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	25 Drawing Figure(s); 15 Drawing Page(s)	
LINE COUNT:	7498	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 24 OF 53 USPATFULL  
 ACCESSION NUMBER: 2000:105677 USPATFULL  
 TITLE: Polynucleotide encoding mu opioid receptor  
 INVENTOR(S): Yu, Lei, Indianapolis, IN, United States  
 PATENT ASSIGNEE(S): Indiana University, Indianapolis, IN, United States  
 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6103492		20000815
APPLICATION INFO.:	US 1997-889108		19970707 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1994-305518, filed on 13 Sep 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-120601, filed on 13 Sep 1993 which is a continuation-in-part of Ser. No. US 1993-56886, filed on 8 Mar 1993, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Kunz, Gary L.		
ASSISTANT EXAMINER:	Landsman, Robert		
LEGAL REPRESENTATIVE:	Fulbright & Jaworski		
NUMBER OF CLAIMS:	37		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	26 Drawing Figure(s); 27 Drawing Page(s)		
LINE COUNT:	6028		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 25 OF 53 USPATFULL  
 ACCESSION NUMBER: 2000:98198 USPATFULL  
 TITLE: Polynucleotides encoding KAPPA opioid receptors  
 INVENTOR(S): Bell, Graeme I., Chicago, IL, United States  
 Reisine, Terry, Philadelphia, PA, United States  
 Yasuda, Kazuki, Tokyo, Japan  
 PATENT ASSIGNEE(S): Arch Development Corporation, Chicago, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6096513		20000801
APPLICATION INFO.:	US 1993-147592		19931105 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1993-100694, filed on 30 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-66296, filed on 20 May 1993, now abandoned		

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Teng, Sally P.  
LEGAL REPRESENTATIVE: Arnold White & Durkee  
NUMBER OF CLAIMS: 31  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 22 Drawing Figure(s); 19 Drawing Page(s)  
LINE COUNT: 5307  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 26 OF 53 USPATFULL  
ACCESSION NUMBER: 2000:87722 USPATFULL  
TITLE: Bi-functional plasmid that can act as both a DNA vaccine and a recombinant virus vector  
INVENTOR(S): Hurwitz, Julia, Germantown, TN, United States  
PATENT ASSIGNEE(S): Coleclough, Christopher, Germantown, TN, United States  
St. Jude Children's Research Hospital, Memphis, TN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6086891		20000711
APPLICATION INFO.:	US 1998-157963		19980921 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-788815, filed on 23 Jan 1997, now patented, Pat. No. US 5846546, issued on 8 Dec 1998 which is a continuation-in-part of Ser. No. US 1996-590288, filed on 23 Jan 1996, now patented, Pat. No. US 5741492, issued on 21 Apr 1998		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Park, Hankyel		
LEGAL REPRESENTATIVE:	Klauber & Jackson		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 7 Drawing Page(s)		
LINE COUNT:	2708		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 27 OF 53 LIFESCI COPYRIGHT 2002 CSA DUPLICATE 1  
ACCESSION NUMBER: 2001:21061 LIFESCI  
TITLE: **Mycobacterium tuberculosis**-Secreted Protein Antigens: Immunogenicity in Baboons  
AUTHOR: Pehler, K.; Brasky, K.M.; Butler, T.M.; Attanasio, R.\*  
CORPORATE SOURCE: Department of Biology, Georgia State University, PO Box 4010, Atlanta, Georgia 30302, USA  
SOURCE: Journal of Clinical Immunology [J. Clin. Immunol.], (20000700) vol. 20, no. 4, pp. 306-316.  
ISSN: 0271-9142.  
DOCUMENT TYPE: Journal  
FILE SEGMENT: F  
LANGUAGE: English  
SUMMARY LANGUAGE: English

L20 ANSWER 28 OF 53 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:106168 CAPLUS  
DOCUMENT NUMBER: 133:103505  
TITLE: Immunogenicity and safety of **Mycobacterium tuberculosis** culture filtrate proteins in non-human primates  
AUTHOR(S): Attanasio, R.; Pehler, K.; McClure, H. M.  
CORPORATE SOURCE: Department of Biology, Georgia State University, Atlanta, GA, 30302, USA  
SOURCE: Clin. Exp. Immunol. (2000), 119(1), 84-91  
CODEN: CEXIAL; ISSN: 0009-9104

PUBLISHER: Blackwell Science Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 31

THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 29 OF 53 USPATFULL

ACCESSION NUMBER: 1999:166792 USPATFULL

TITLE: Identification of activators and inhibitors of sebum  
formation

INVENTOR(S): Rosenfield, Robert L., Chicago, IL, United States

PATENT ASSIGNEE(S): Arch Development Corporation, Chicago, IL, United  
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6004751		19991221
APPLICATION INFO.:	US 1997-917653		19970822 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-28618	19960823 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Lankford, Jr., Leon B.	
LEGAL REPRESENTATIVE:	Arnold, White & Durkee	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	26 Drawing Figure(s); 14 Drawing Page(s)	
LINE COUNT:	2330	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 30 OF 53 USPATFULL

ACCESSION NUMBER: 1999:150656 USPATFULL

TITLE: Expression library immunization

INVENTOR(S): Johnston, Stephen A., Dallas, TX, United States

Barry, Michael A., Carrollton, TX, United States  
PATENT ASSIGNEE(S): Lai, Wayne C., Richardson, TX, United States  
Board of Regents, The University of Texas System,  
Austin, TX, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5989553		19991123
APPLICATION INFO.:	US 1997-1157		19971230 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-421155, filed on 7 Apr 1995, now patented, Pat. No. US 5703057		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Scheiner, Laurie		
LEGAL REPRESENTATIVE:	Arnold White & Durkee		
NUMBER OF CLAIMS:	6		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	14 Drawing Figure(s); 11 Drawing Page(s)		
LINE COUNT:	2162		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 31 OF 53 USPATFULL

ACCESSION NUMBER: 1999:150655 USPATFULL

TITLE: Antigen carbohydrate compounds and their use in  
immunotherapy

INVENTOR(S): McKenzie, Ian F. C., Victoria, Australia  
Pietersz, Geoff Allen, Victoria, Australia  
Apostolopoulos, Vasso, Victoria, Australia

## PATENT ASSIGNEE(S):

Austin Research Institute, Victoria, Australia  
(non-U.S. corporation)

PATENT INFORMATION:  
APPLICATION INFO.:  
RELATED APPLN. INFO.:

NUMBER	KIND	DATE
US 5989552		19991123
US 1997-833807		19970409 (8)
Continuation of Ser. No. US 1994-340711, filed on 16 Nov 1994, now abandoned		

PRIORITY INFORMATION:  
DOCUMENT TYPE:  
FILE SEGMENT:  
PRIMARY EXAMINER:  
ASSISTANT EXAMINER:  
LEGAL REPRESENTATIVE:  
NUMBER OF CLAIMS:  
EXEMPLARY CLAIM:  
NUMBER OF DRAWINGS:  
LINE COUNT:  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

NUMBER	DATE
AU 1993-3223	19931224
Utility	
Granted	
Knode, Marian C.	
Williams, Jay F.	
Dann, Dorfman, Herrell And Skillman	
7	
1	
11 Drawing Figure(s); 10 Drawing Page(s)	
1551	

L20 ANSWER 32 OF 53

USPATFULL

ACCESSION NUMBER:

1999:121326 USPATFULL

TITLE:

INVENTOR(S):

Methods and compositions for targeting selectins  
Hallahan, Dennis E., Park Ridge, IL, United States  
Weichselbaum, Ralph R., Chicago, IL, United States  
Arch Development Corporation, Chicago, IL, United States (U.S. corporation)

PATENT ASSIGNEE(S):

PATENT INFORMATION:  
APPLICATION INFO.:  
DOCUMENT TYPE:  
FILE SEGMENT:  
PRIMARY EXAMINER:  
ASSISTANT EXAMINER:  
LEGAL REPRESENTATIVE:  
NUMBER OF CLAIMS:  
EXEMPLARY CLAIM:  
NUMBER OF DRAWINGS:  
LINE COUNT:  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

NUMBER	KIND	DATE
US 5962424		19991005
US 1995-392541		19950221 (8)
Utility		
Granted		
Campbell, Bruce R.		
Nguyen, Dave Trong		
Arnold, White & Durkee		
25		
1		
8 Drawing Figure(s); 8 Drawing Page(s)		
3471		

L20 ANSWER 33 OF 53

USPATFULL

ACCESSION NUMBER:

TITLE:

INVENTOR(S):

1999:81543 USPATFULL  
Soluble lymphotoxin-.beta. receptors and  
anti-lymphotoxin receptor and ligand antibodies as  
therapeutic agents for the treatment of immunological  
disease  
Browning, Jeffrey L., Brookline, MA, United States  
Benjamin, Christopher D., Beverly, MA, United States  
Hochman, Paula S., Brookline, MA, United States  
Biogen, Inc., Cambridge, MA, United States (U.S. corporation)

PATENT ASSIGNEE(S):

PATENT INFORMATION:  
APPLICATION INFO.:  
DOCUMENT TYPE:

NUMBER	KIND	DATE
US 5925351		19990720
US 1995-505606		19950721 (8)
Utility		

FILE SEGMENT: Granted  
PRIMARY EXAMINER: Hutzell, Paula K.  
ASSISTANT EXAMINER: Bansal, Geetha P.  
LEGAL REPRESENTATIVE: Biogen, Inc., Flynn, Kerry A.  
NUMBER OF CLAIMS: 16  
EXEMPLARY CLAIM: 1,15  
NUMBER OF DRAWINGS: 7 Drawing Figure(s); 7 Drawing Page(s)  
LINE COUNT: 1968  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 34 OF 53 USPATFULL  
ACCESSION NUMBER: 1999:63334 USPATFULL  
TITLE: Methods for treating inflammation and inflammatory  
disease using pADPRT inhibitors  
INVENTOR(S): Kun, Ernestt, Mill Valley, CA, United States  
PATENT ASSIGNEE(S): Octamer, Inc., Berkeley, CA, United States (U.S.  
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5908861		19990601
APPLICATION INFO.:	US 1997-855616		19970513 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Jordan, Kimberly		
LEGAL REPRESENTATIVE:	Halluin, Albert P. Howrey & Simon		
NUMBER OF CLAIMS:	11		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	22 Drawing Figure(s); 9 Drawing Page(s)		
LINE COUNT:	1825		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 35 OF 53 USPATFULL  
ACCESSION NUMBER: 1999:43190 USPATFULL  
TITLE: Method for stimulating production of variable region  
gene family restricted antibodies through B-cell  
superantigen vaccination  
INVENTOR(S): Silverman, Gregg J., Encinitas, CA, United States  
PATENT ASSIGNEE(S): The Regents of the University of California, Oakland,  
CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5891438		19990406
APPLICATION INFO.:	WO 9409818		19940511
	US 1995-428197		19950714 (8)
	WO 1993-US10555		19931029
			19950714 PCT 371 date
			19950714 PCT 102(e) date
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1992-969936, filed on 30 Oct 1992, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Feisee, Lila		
ASSISTANT EXAMINER:	Ungar, Susan		
LEGAL REPRESENTATIVE:	Fish & Richardson P.C.		
NUMBER OF CLAIMS:	3		
EXEMPLARY CLAIM:	1,3		
NUMBER OF DRAWINGS:	29 Drawing Figure(s); 12 Drawing Page(s)		
LINE COUNT:	2731		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 36 OF 53 USPATFULL  
ACCESSION NUMBER: 1999:21711 USPATFULL

TITLE: CXC chemokines as regulators of angiogenesis  
 INVENTOR(S): Strieter, Robert M., Ann Arbor, MI, United States  
 Polverini, Peter J., Ann Arbor, MI, United States  
 Kunkel, Steven L., Ann Arbor, MI, United States  
 PATENT ASSIGNEE(S): The Regent of the University of Michigan, Ann Arbor,  
 MI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5871723		
APPLICATION INFO.:	US 1995-468819		19990216
DOCUMENT TYPE:	Utility		19950606 (8)
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Draper, Garnette D.		
LEGAL REPRESENTATIVE:	Arnold, White & Durkee		
NUMBER OF CLAIMS:	29		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	17 Drawing Figure(s); 71 Drawing Page(s)		
LINE COUNT:	6055		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 37 OF 53 USPATFULL  
 ACCESSION NUMBER: 1999:15491 USPATFULL  
 TITLE: Mycobacterial proteins, microorganisms producing them  
 and their use for vaccines and for the detection of  
 tuberculosis  
 INVENTOR(S): Laqueyrie, Anne, Paris, France  
 Marchal, Gilles, Ivry Sur Seine, France  
 Pescher, Pascale, Paris, France  
 Romain, Felix, Fontenay les Briis, France  
 PATENT ASSIGNEE(S): Institut Pasteur, Paris Cedex, France (non-U.S.  
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5866130		19990202
APPLICATION INFO.:	US 1996-641356		19960430 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-382184, filed on 1 Feb 1995, now patented, Pat. No. US 5714593		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Housel, James C.		
ASSISTANT EXAMINER:	Shaver, Jennifer		
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.		
NUMBER OF CLAIMS:	7		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	34 Drawing Figure(s); 18 Drawing Page(s)		
LINE COUNT:	1174		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 38 OF 53 USPATFULL  
 ACCESSION NUMBER: 1998:153867 USPATFULL  
 TITLE: Preparation and use of viral vectors for mixed envelope  
 protein immunogenic composition against human  
 immunodeficiency viruses  
 INVENTOR(S): Hurwitz, Julia, Germantown, TN, United States  
 Slobod, Karen, Memphis, TN, United States  
 PATENT ASSIGNEE(S): St. Jude Children's Research Hospital, Memphis, TN,  
 United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5846546		19981208
APPLICATION INFO.:	US 1997-788815		19970123 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1996-590288, filed  
on 23 Jan 1996, now patented, Pat. No. US 5741492  
DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Achutamurthy, Ponnathapura  
ASSISTANT EXAMINER: Park, Hankyel T.  
LEGAL REPRESENTATIVE: Klauber & Jackson  
NUMBER OF CLAIMS: 40  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 7 Drawing Figure(s); 7 Drawing Page(s)  
LINE COUNT: 2393  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 39 OF 53 USPATFULL

ACCESSION NUMBER: 1998:150478 USPATFULL

TITLE: Immunogenic compositions against helicobacter  
infection, polypeptides for use in the compositions,  
and nucleic acid sequences encoding said polypeptides  
INVENTOR(S): Labigne, Agnes, Bures S/Yvette, France  
Suerbaum, Sebastin, Bochum, Germany, Federal Republic  
of

PATENT ASSIGNEE(S): Ferrero, Richard L., Paris, France  
Thiberge, Jean-Michel, Plaisir, France  
Institut Pasteur, Paris, France (non-U.S. corporation)  
Institut National de la Sante et de la Recherche  
Medicale, Paris, France (non-U.S. corporation)

NUMBER	KIND	DATE
US 5843460		19981201
US 1995-467822		19950606 (8)
Continuation of Ser. No. US 1995-447177, filed on 19 May 1995 which is a continuation-in-part of Ser. No. US 1995-432697, filed on 2 May 1995		

NUMBER	DATE
EP 1993-401309	19930519
WO 1993-EP3259	19931119
Utility	
Granted	
Housel, James C.	
Portner, Ginny Allen	
Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.	
10	
1	
51 Drawing Figure(s); 36 Drawing Page(s)	
3594	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 40 OF 53 USPATFULL

ACCESSION NUMBER: 1998:139023 USPATFULL

TITLE: Leishmania antigens for use in the therapy and  
diagnosis of Leishmaniasis

INVENTOR(S): Reed, Steven G., King, WA, United States  
Campos-Neto, Antonio, King, WA, United States  
Webb, John R., King, WA, United States  
Dillon, Davin C., King, WA, United States  
Skeiky, Yasir A. W., King, WA, United States  
Corixa Corporation, Seattle, WA, United States (U.S.  
corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 5834592  
 APPLICATION INFO.: US 1995-533669 19981110  
 DOCUMENT TYPE: Utility 19950922 (8)  
 FILE SEGMENT: Granted  
 PRIMARY EXAMINER: Minnifield, Nita  
 LEGAL REPRESENTATIVE: Seed and Berry LLP  
 NUMBER OF CLAIMS: 2  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 25 Drawing Figure(s); 19 Drawing Page(s)  
 LINE COUNT: 2447  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 41 OF 53 USPATFULL  
 ACCESSION NUMBER: 1998:54761 USPATFULL  
 TITLE: Screening method for ligands of the EBI-1 receptor  
 INVENTOR(S): Heagy, Wyrta E., 536 Janalyn Cir., Golden Valley, MN, United States 55427  
 Finberg, Robert W., 48 Spring La., Canton, MA, United States 02021

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5753516		
APPLICATION INFO.:	US 1995-383751		19980519
DOCUMENT TYPE:	Utility		19950203 (8)
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Jones, W. Gary		
ASSISTANT EXAMINER:	Fredman, Jeffrey		
NUMBER OF CLAIMS:	15		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	45 Drawing Figure(s); 20 Drawing Page(s)		
LINE COUNT:	5389		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 42 OF 53 USPATFULL  
 ACCESSION NUMBER: 1998:42068 USPATFULL  
 TITLE: Preparation and use of viral vectors for mixed envelope protein vaccines against human immunodeficiency viruses  
 INVENTOR(S): Hurwitz, Julia L., Germantown, TN, United States  
 Owens, Randall J., Millington, TN, United States  
 PATENT ASSIGNEE(S): St. Jude Children's Research Hospital, Memphis, TN, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5741492		
APPLICATION INFO.:	US 1996-590288		19980421
DOCUMENT TYPE:	Utility		19960123 (8)
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Achutamurthy, Ponnathapura		
ASSISTANT EXAMINER:	Park, Hankyel T.		
LEGAL REPRESENTATIVE:	Klauber & Jackson		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	4 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1525		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 43 OF 53 USPATFULL  
 ACCESSION NUMBER: 1998:12132 USPATFULL  
 TITLE: DNA from *mycobacterium tuberculosis*  
 INVENTOR(S): which codes for a 45/47 kilodalton protein  
 Laqueyrie, Anne, Paris, France  
 Marchal, Gilles, Ivry Sur Seine, France

## PATENT ASSIGNEE(S):

Pescher, Pascale, Paris, France  
 Romain, Felix, Fontenay les Briis, France  
 Institut Pasteur, Paris Cedex, France (non-U.S.  
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5714593		19980203
APPLICATION INFO.:	US 1995-382184		19950201 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Housel, James C.		
ASSISTANT EXAMINER:	Shaver, Jennifer		
LEGAL REPRESENTATIVE:	Oblon, Spivak, McClelland, Maier & Neustadt, P.C.		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	34 Drawing Figure(s); 18 Drawing Page(s)		
LINE COUNT:	1155		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 44 OF 53 USPATFULL

ACCESSION NUMBER: 97:123194 USPATFULL

TITLE:

INVENTOR(S):

Expression library immunization  
 Johnston, Stephen A., Dallas, TX, United States  
 Barry, Michael A., Carrollton, TX, United States  
 Lai, Wayne C., Richardson, TX, United States  
 Board of Regents The University of Texas System,  
 Austin, TX, United States (U.S. corporation)

## PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5703057		19971230
APPLICATION INFO.:	US 1995-421155		19950407 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Low, Christopher S.F.		
LEGAL REPRESENTATIVE:	Arnold, White & Durkee		
NUMBER OF CLAIMS:	30		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	14 Drawing Figure(s); 12 Drawing Page(s)		
LINE COUNT:	2243		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 45 OF 53 USPATFULL

ACCESSION NUMBER: 97:70743 USPATFULL

TITLE:

INVENTOR(S):

Immunobooster for delayed release of immunogen  
 Kitchell, Judith P., Newton, MA, United States  
 Crooker, Stephen C., Framingham, MA, United States  
 DynaGen, Inc., Cambridge, MA, United States (U.S.  
 corporation)

## PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5656298		19970812
APPLICATION INFO.:	US 1995-396363		19950228 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1992-951460, filed on 25 Sep 1992, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Bawa, Raj		
LEGAL REPRESENTATIVE:	Wolf, Greenfield & Sacks, P.C.		
NUMBER OF CLAIMS:	48		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	7 Drawing Figure(s); 7 Drawing Page(s)		

LINE COUNT: 1048  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 46 OF 53 USPATFULL  
ACCESSION NUMBER: 97:51906 USPATFULL  
TITLE: Antibodies reactive with biological markers of benign prostate hyperplasia  
INVENTOR(S): Wright, Jr., George L., Va. Beach, VA, United States  
PATENT ASSIGNEE(S): Medical College of Hampton Road, Norfolk, VA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5639656		19970617
APPLICATION INFO.:	US 1994-221821		19940331 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Chan, Christina Y.		
ASSISTANT EXAMINER:	Eisenschenk, Frank C.		
LEGAL REPRESENTATIVE:	Arnold White & Durkee		
NUMBER OF CLAIMS:	12		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	2920		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 47 OF 53 USPATFULL  
ACCESSION NUMBER: 97:24715 USPATFULL  
TITLE: T cell receptor peptides as therapeutics for immune-related disease  
INVENTOR(S): Vandembark, Arthur A., Portland, OR, United States  
PATENT ASSIGNEE(S): Connective Therapeutics, Inc., Palo Alto, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5614192		19970325
APPLICATION INFO.:	US 1993-59020		19930316 (8)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1991-735612, filed on 16 Jul 1991, now abandoned which is a continuation-in-part of Ser. No. US 1991-708022, filed on 31 May 1991, now abandoned which is a continuation-in-part of Ser. No. US 1990-554529, filed on 19 Jul 1990, now abandoned which is a continuation-in-part of Ser. No. US 1990-467577, filed on 19 Jan 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-382804, filed on 19 Jul 1989, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Cunningham, Thomas M.		
LEGAL REPRESENTATIVE:	Lowin, David A., Warburg, Richard J. Lyon & Lyon		
NUMBER OF CLAIMS:	56		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	47 Drawing Figure(s); 27 Drawing Page(s)		
LINE COUNT:	5870		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 48 OF 53 USPATFULL  
ACCESSION NUMBER: 96:77865 USPATFULL  
TITLE: Isolated antigenic oncogene peptide fragments and uses  
INVENTOR(S): Eberlein, Timothy J., Dover, MA, United States  
Peoples, George E., Newtonville, MA, United States  
Yoshino, Ichiro, Brookline, MA, United States  
Goedegebuure, Peter, Brighton, MA, United States

## PATENT ASSIGNEE(S):

Brigham and Women's Hospital, Boston, MA, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5550214		19960827
APPLICATION INFO.:	US 1994-195075		19940210 (8)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Low, Christopher S. F.		
LEGAL REPRESENTATIVE:	Choate, Hall & Stewart		
NUMBER OF CLAIMS:	2		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	8 Drawing Figure(s); 4 Drawing Page(s)		
LINE COUNT:	1892		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 49 OF 53 USPATFULL

ACCESSION NUMBER: 95:52114 USPATFULL  
TITLE: Vaccines containing avirulent phop-type microorganisms  
INVENTOR(S): Curtiss, III, Roy, St. Louis, MO, United States  
PATENT ASSIGNEE(S): Galan, Jorge, St. Louis, MO, United States  
Washington University, St. Louis, MO, United States  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5424065		19950613
APPLICATION INFO.:	US 1992-981935		19921119 (7)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1989-331979, filed on 31 Mar 1989		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Sidberry, Hazel F.		
LEGAL REPRESENTATIVE:	Rogers, Howell & Haferkamp		
NUMBER OF CLAIMS:	10		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	1648		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 50 OF 53 SCISEARCH COPYRIGHT 2002 ISI (R)

ACCESSION NUMBER: 95:324802 SCISEARCH  
THE GENUINE ARTICLE: QW230  
TITLE: **ADJUVANTS, ENDOCRINES AND CONSERVED EPITOPES - FACTORS TO CONSIDER WHEN DESIGNING THERAPEUTIC VACCINES**  
AUTHOR: ROOK G A W (Reprint); STANFORD J L  
CORPORATE SOURCE: UCL MED SCH, 67-73 RIDING HOUSE ST, LONDON W1P 7LD, ENGLAND (Reprint)  
COUNTRY OF AUTHOR: ENGLAND  
SOURCE: INTERNATIONAL JOURNAL OF IMMUNOPHARMACOLOGY, (FEB 1995) Vol. 17, No. 2, pp. 91-102.  
ISSN: 0192-0561.  
DOCUMENT TYPE: Article; Journal  
FILE SEGMENT: LIFE  
LANGUAGE: ENGLISH  
REFERENCE COUNT: 87

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L20 ANSWER 51 OF 53 USPATFULL

ACCESSION NUMBER: 87:55192 USPATFULL  
TITLE: Method for enhancing the anti-infective activity of muramyldipeptide derivatives  
INVENTOR(S): Eppstein, Deborah A., Palo Alto, CA, United States

## PATENT ASSIGNEE(S):

Fraser-Smith, Elizabeth, Los Altos, CA, United States  
Matthews, Thomas R., Los Gatos, CA, United States  
Syntex (U.S.A.) Inc., Palo Alto, CA, United States  
(U.S. corporation)

PATENT INFORMATION:  
APPLICATION INFO.:  
DISCLAIMER DATE:  
RELATED APPLN. INFO.:

NUMBER	KIND	DATE
US 4684625		19870804
US 1985-725037		19850419 (6)
20020611		

DOCUMENT TYPE:  
FILE SEGMENT:  
PRIMARY EXAMINER:  
ASSISTANT EXAMINER:  
LEGAL REPRESENTATIVE:  
NUMBER OF CLAIMS:  
EXEMPLARY CLAIM:  
LINE COUNT:

Continuation-in-part of Ser. No. US 1982-396213, filed  
on 8 Jul 1982, now patented, Pat. No. US 4522811  
Utility  
Granted  
Brown, Johnnie R.  
Moezie, F. T.  
Green, Grant D., Moran, Tom M., Krubiner, Alan M.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 52 OF 53 USPATFULL

ACCESSION NUMBER:

85:34454 USPATFULL

TITLE:

Serial injection of muramyldipeptides and liposomes  
enhances the anti-infective activity of  
muramyldipeptides

INVENTOR(S):

Eppstein, Deborah A., Los Altos, CA, United States  
Fraser-Smith, Elizabeth B., Los Altos, CA, United  
States

PATENT ASSIGNEE(S):

Matthews, Thomas R., Los Gatos, CA, United States  
Syntex (U.S.A.) Inc., Palo Alto, CA, United States  
(U.S. corporation)

PATENT INFORMATION:  
APPLICATION INFO.:  
DOCUMENT TYPE:  
FILE SEGMENT:  
PRIMARY EXAMINER:  
ASSISTANT EXAMINER:  
LEGAL REPRESENTATIVE:  
NUMBER OF CLAIMS:  
EXEMPLARY CLAIM:  
LINE COUNT:

NUMBER	KIND	DATE
US 4522811		19850611
US 1982-396213		19820708 (6)
Utility		
Granted		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L20 ANSWER 53 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
2

ACCESSION NUMBER:

1985:398190 BIOSIS

DOCUMENT NUMBER:

BA80:68182

TITLE:

TUBULOINTERSTITIAL NEPHRITIS INDUCED IN THE BROWN NORWAY  
RAT WITH CHAOTROPICALLY SOLUBILIZED BOVINE TUBULAR BASEMENT  
MEMBRANE THE MODEL AND THE HUMORAL AND CELLULAR  
RESPONSES.

AUTHOR(S):

ULRICH T R; BANNISTER K M; WILSON C B

CORPORATE SOURCE:

DEP. PAHTOL., UNIV. CALIFORNIA, IRVINE MED. CENT., 101 CITY  
DRIVE SOUTH, ORANGE, CALIF. 92668.

SOURCE:

CLIN IMMUNOL IMMUNOPATHOL, (1985) 36 (2), 187-200.

FILE SEGMENT:

CODEN: CLIIAT. ISSN: 0090-1229.

LANGUAGE:

BA; OLD  
English